



**NEMO|etc.**

Certificate of Authorization #32455  
353 Christian Street, Unit #13  
Oxford, CT 06478  
(203) 262-9245

ENGINEER

TEST

CONSULT

**P.E. EVALUATION REPORT (PEER)**

**GAF**

1 Campus Drive  
Parsippany, NJ 07054  
**(800) 766-3411**

**PEER-GAF-008.A.R57**

**FL3443-R54 (NON-HVHZ)**

Date of Issuance: 07/20/2005

**Revision 57: 01/28/2025**

**SCOPE:**

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida, and the [Third-Party Evaluation Report](#) acceptance by the Texas Department of Insurance. The documentation submitted has been reviewed by Robert Nieminen, P.E. for compliance with the **8<sup>th</sup> Edition (2023) Florida Building Code and 2018 International Building Code** [sections noted herein](#).

**DESCRIPTION: GAF EverGuard PVC and PVC/KEE Roof Systems (NON-HVHZ)**

**LABELING:** Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

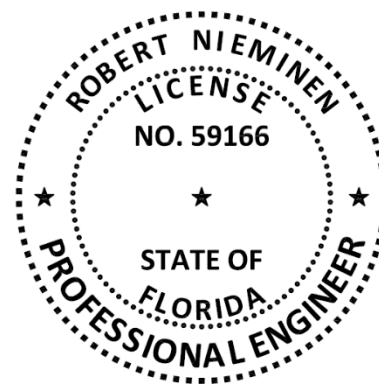
**CONTINUED COMPLIANCE:** This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

**ADVERTISEMENT:** "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

**INSPECTION:** Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 6, plus a 193-page Appendix.

**Prepared by:**



**CERTIFICATION OF INDEPENDENCE:**

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. Robert Nieminen, P.E. is also Registered in the State of Texas; PE-96420.
6. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

©2019 NEMO ETC, LLC

## ROOFING SYSTEMS EVALUATION:

### 1. SCOPE:

**Product Category:** Roofing  
**Sub-Category:** Single Ply Roof Systems  
**Product Approval Method:** Method 1, Option D: Codified Material, Evaluation by Engineer  
**Compliance Statement:** GAF EverGuard PVC and PVC/KEE Roof Systems, as produced by GAF, have demonstrated compliance with the following sections of the Codes listed below through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

### 2. STANDARDS:

| CODE                             | SECTION                | PROPERTY            | STANDARD                           |
|----------------------------------|------------------------|---------------------|------------------------------------|
| 2023 Florida Building Code       | 1504.3.1               | Wind resistance     | FM 4474                            |
|                                  | 1504.6                 | Physical properties | ASTM G154                          |
|                                  | 1504.7                 | Impact resistance   | FM 4470, Section 4.6               |
|                                  | 1507.10.2              | Material standards  | ASTM D2178, ASTM D4601, ASTM D4897 |
|                                  | 1507.11.2              | Material standards  | ASTM D6163, ASTM D6164, ASTM D6222 |
|                                  | 1507.12.2              | Material standard   | ASTM D4434                         |
| 2018 International Building Code | 1504.3.1               | Wind resistance     | FM 4474                            |
|                                  | 1504.6                 | Physical properties | ASTM G154                          |
|                                  | 1504.7                 | Impact resistance   | FM 4470, Section 4.6               |
|                                  | 1507.10.2              | Material standard   | ASTM D2178, ASTM D4897             |
|                                  | 1507.10.2, 1507.11.2.1 | Material standard   | ASTM D4601                         |
|                                  | 1507.11.2              | Material standard   | ASTM D6163, ASTM D6164, ASTM D6222 |
|                                  | 1507.13.2              | Material standard   | ASTM D4434                         |

### 3. REFERENCES:

| ENTITY         | EXAM            | REFERENCE               | DATE     | ENTITY       | EXAM         | REFERENCE    | DATE     |
|----------------|-----------------|-------------------------|----------|--------------|--------------|--------------|----------|
| NEMO (TST6049) | ASTM D4434 (UT) | 4S-GAF-18-003.12.18-1   | 12/04/18 | FM (TST1867) | FM 4474      | 3061784      | 07/25/18 |
| NEMO (TST6049) | ASTM D4434 (UT) | 4S-GAF-18-003.12.18-2   | 12/04/18 | FM (TST1867) | FM 4474      | 3055904      | 10/25/18 |
| NEMO (TST6049) | ASTM D4434 (NJ) | 4r-FMI-20-SSTHP-01.A    | 12/10/21 | FM (TST1867) | FM 4474      | RR215191-267 | 11/07/18 |
| NEMO (TST6049) | Various PPT     | 4j-GAF-21-SSUDL-01.A-R2 | 12/16/21 | FM (TST1867) | FM 4474      | RR215193-267 | 11/08/18 |
| NEMO (TST6049) | ASTM D4434 (NJ) | 4r-FMI-20-SSTHP-01.B    | 08/01/22 | FM (TST1867) | FM 4474      | PR450261     | 10/22/19 |
| NEMO (TST6049) | Physicals (IN)  | 4j-GAF-SSUDL-004.A      | 11/19/24 | FM (TST1867) | FM 4470      | PR452971-R1  | 01/28/20 |
| NEMO           | PEER            | PEER-GAF-007.A&B        | 12/04/24 | FM (TST1867) | FM 4474      | PR453353     | 01/31/20 |
| ACRC (TST4671) | TAS 114         | 06-047                  | 12/21/06 | FM (TST1867) | FM 4474      | PR452423     | 02/06/20 |
| ACRC (TST4671) | TAS 114         | 07-001                  | 01/12/07 | FM (TST1867) | FM 4474      | PR455468     | 07/01/20 |
| ACRC (TST4671) | TAS 114         | 07-002                  | 01/12/07 | FM (TST1867) | FM 4474      | PR455417     | 12/23/20 |
| ACRC (TST4671) | TAS 114         | 07-007                  | 01/19/07 | FM (TST1867) | FM 4474      | RR227079     | 03/10/21 |
| ACRC (TST4671) | TAS 114         | 07-029                  | 03/08/07 | FM (TST1867) | Traceability | PR459034     | 03/24/21 |
| ACRC (TST4671) | TAS 114         | 07-031                  | 05/09/07 | FM (TST1867) | FM 4470      | RR227768-267 | 04/09/21 |
| ACRC (TST4671) | TAS 114         | 08-031                  | 05/05/08 | FM (TST1867) | FM 4474      | PR457312     | 04/20/21 |
| ACRC (TST4671) | TAS 114         | 11-057                  | 09/30/11 | FM (TST1867) | FM 4470      | PR459831     | 04/21/21 |
| ACRC (TST4671) | TAS 114         | 11-058                  | 10/03/11 | FM (TST1867) | FM 4474      | PR456101     | 06/24/21 |
| ACRC (TST4671) | TAS 114         | 11-059                  | 10/04/11 | FM (TST1867) | FM 4474      | PR460786     | 08/30/21 |
| ACRC (TST4671) | TAS 114         | 11-060                  | 10/05/11 | FM (TST1867) | FM 4474      | PR460560     | 09/22/21 |
| ACRC (TST4671) | TAS 114         | 11-061                  | 10/06/11 | FM (TST1867) | FM 4474      | PR461047     | 10/25/21 |
| ACRC (TST4671) | TAS 114         | 11-062                  | 10/07/11 | FM (TST1867) | FM 4474      | RR232145-267 | 03/21/22 |
| ACRC (TST4671) | TAS 114         | 11-063                  | 10/08/11 | FM (TST1867) | FM 4474      | PR450629     | 04/13/22 |
| ACRC (TST4671) | TAS 114         | 11-066                  | 11/21/11 | FM (TST1867) | FM 4474      | RR232513-267 | 04/22/22 |
| ACRC (TST4671) | TAS 114         | 12-005                  | 04/09/12 | FM (TST1867) | FM 4474      | PR460889     | 08/01/22 |
| ACRC (TST4671) | TAS 114         | 12-006                  | 04/09/12 | FM (TST1867) | FM 4474      | PR460126     | 09/20/22 |
| ACRC (TST4671) | TAS 114         | 12-007                  | 04/10/12 | FM (TST1867) | FM 4474      | PR463035     | 11/10/22 |
| ACRC (TST4671) | TAS 114         | 12-009                  | 04/20/12 | FM (TST1867) | FM 4474      | PR461460     | 11/15/22 |
| ACRC (TST4671) | TAS 114         | 12-010                  | 04/20/12 | FM (TST1867) | FM 4474      | RR235368-267 | 12/19/22 |
| ACRC (TST4671) | TAS 114         | 12-011                  | 04/20/12 | FM (TST1867) | FM 4474      | PR464081     | 02/20/23 |
| ACRC (TST4671) | TAS 114         | 12-021                  | 04/26/12 | FM (TST1867) | FM 4474      | RR236601-267 | 03/30/23 |
| ACRC (TST4671) | TAS 114         | 12-022                  | 04/26/12 | FM (TST1867) | FM 4474      | RR238073     | 08/07/23 |
| ACRC (TST4671) | TAS 114         | 12-017                  | 05/07/12 | FM (TST1867) | FM 4474      | RR237727     | 08/17/23 |
| ACRC (TST4671) | TAS 114         | 12-020                  | 05/08/12 | FM (TST1867) | FM 4474      | RR237767     | 08/30/23 |
| ACRC (TST4671) | TAS 114         | 12-027                  | 05/22/12 | FM (TST1867) | FM 4474      | RR237973     | 09/13/23 |
| ACRC (TST4671) | TAS 114         | 12-028                  | 05/22/12 | FM (TST1867) | FM 4474      | RR237937     | 09/13/23 |
| ACRC (TST4671) | TAS 114         | 12-032                  | 08/23/12 | FM (TST1867) | FM 4474      | RR238672     | 10/12/23 |
| ACRC (TST4671) | TAS 114         | 11-015-R1               | 08/29/12 | FM (TST1867) | FM 4474      | PR466096     | 01/22/24 |
| ACRC (TST4671) | TAS 114         | 11-018-R1               | 08/29/12 | FM (TST1867) | FM 4474      | PR467721     | 03/01/24 |
| ACRC (TST4671) | TAS 114         | 11-022-R1               | 08/29/12 | FM (TST1867) | FM 4474      | PR463212     | 03/06/24 |
| ACRC (TST4671) | TAS 114         | 16-002                  | 03/04/16 | FM (TST1867) | FM 4474      | RR240499     | 03/14/24 |
| ACRC (TST4671) | TAS 114         | 21-014                  | 08/16/21 | FM (TST1867) | FM 4474      | RR241361     | 05/07/24 |

| ENTITY            | EXAM        | REFERENCE           | DATE     | ENTITY         | EXAM        | REFERENCE             | DATE     |
|-------------------|-------------|---------------------|----------|----------------|-------------|-----------------------|----------|
| ACRC (TST4671)    | TAS 114     | 21-018              | 08/17/21 | FM (TST1867)   | FM 4474     | RR241387              | 05/10/24 |
| ACRC (TST4671)    | TAS 114     | 23-012              | 06/16/23 | FM (TST1867)   | FM 4474     | RR241586              | 05/29/24 |
| ATI/ITS (TST1558) | Criticality | G9819.02-106-31     | 05/10/17 | FM (TST1867)   | FM 4474     | RR242812              | 09/06/24 |
| ATI/ITS (TST1558) | TAS 114     | G9819.01-109-44     | 08/01/17 | FM (TST1867)   | FM 4474     | PR468153              | 11/04/24 |
| ATI/ITS (TST1558) | TAS 114     | G9819.03-109-44     | 08/01/17 | FM (TST1867)   | FM 4474     | RR243942              | 12/16/24 |
| ATI/ITS (TST1558) | TAS 114     | H-3320.01-109-44    | 08/10/17 | IRT (TST5296)  | TAS 114     | 04-006                | 02/16/04 |
| ATI/ITS (TST1558) | TAS 114     | H-3314.01-109-44    | 08/14/17 | NEMO (TST6049) | FM 4474     | 4L-CEL-18-001.12.18-2 | 07/10/19 |
| ATI/ITS (TST1558) | TAS 114     | H-3315.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4470     | GAF-462-02-01         | 11/15/13 |
| ATI/ITS (TST1558) | TAS 114     | H-3317.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4470     | GAF-462-02-02         | 11/18/13 |
| ATI/ITS (TST1558) | TAS 114     | H-3318.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4470     | GAF-462-02-03         | 11/18/13 |
| ATI/ITS (TST1558) | TAS 114     | H0730.01-109-44     | 08/16/17 | PRI (TST5878)  | FM 4470     | GAF-462-02-04         | 11/18/13 |
| ATI/ITS (TST1558) | TAS 114     | H8498.01-109-18     | 03/27/18 | PRI (TST5878)  | FM 4474     | GAF-457-02-02         | 01/20/14 |
| ATI/ITS (TST1558) | TAS 114     | H7234.01-109-18     | 05/01/18 | PRI (TST5878)  | FM 4474     | GAF-457-02-04         | 01/24/14 |
| ERD (TST6049)     | FM 4474     | P6860.06.07-R1      | 09/10/09 | PRI (TST5878)  | FM 4474     | GAF-457-02-06         | 01/24/14 |
| ERD (TST6049)     | FM 4474     | 02762.03.05-R2      | 04/01/10 | PRI (TST5878)  | FM 4474     | GAF-457-02-07         | 01/24/14 |
| ERD (TST6049)     | FM 4474     | GAF-SC8580.14       | 03/25/15 | PRI (TST5878)  | FM 4474     | GAF-457-02-08         | 01/24/14 |
| ERD (TST6049)     | FM 4474     | GAF-SC8580.14       | 07/20/15 | PRI (TST5878)  | FM 4470     | GAF-435-02-01         | 01/29/14 |
| ERD (TST6049)     | FM 4474     | GAF-SC16825.12.17-1 | 12/31/17 | PRI (TST5878)  | FM 4474     | GAF-435-02-11         | 01/29/14 |
| FET (TST7393)     | TAS 114     | 08-050182           | 06/26/08 | PRI (TST5878)  | FM 4474     | GAF-510-02-02         | 04/08/14 |
| FM (TST1867)      | FM 4470     | 3003956             | 02/18/00 | PRI (TST5878)  | FM 4474     | GAF-515-02-01         | 05/13/14 |
| FM (TST1867)      | FM 4470     | 3003955             | 03/05/02 | PRI (TST5878)  | FM 4474     | GAF-515-02-03         | 05/13/14 |
| FM (TST1867)      | FM 4470     | 3014692             | 08/05/03 | PRI (TST5878)  | FM 4474     | GAF-516-02-03         | 05/13/14 |
| FM (TST1867)      | FM 4474     | 3024709             | 10/21/05 | PRI (TST5878)  | FM 4474     | GAF-525-02-02         | 06/23/14 |
| FM (TST1867)      | FM 4474     | 3023368             | 03/20/06 | PRI (TST5878)  | FM 4474     | GAF-525-02-03         | 06/23/14 |
| FM (TST1867)      | FM 4474     | 3028606             | 02/23/07 | PRI (TST5878)  | FM 4474     | GAF-462-02-07         | 07/01/14 |
| FM (TST1867)      | FM 4474     | 3026964             | 07/25/07 | PRI (TST5878)  | FM 4474     | GAF-462-02-08         | 07/01/14 |
| FM (TST1867)      | FM 4474     | 3031127             | 10/01/07 | PRI (TST5878)  | FM 4474     | GAF-462-02-09         | 07/01/14 |
| FM (TST1867)      | FM 4474     | 3033126             | 07/11/08 | PRI (TST5878)  | FM 4474     | GAF-462-02-10         | 07/01/14 |
| FM (TST1867)      | FM 4474     | 3034394             | 02/27/09 | PRI (TST5878)  | FM 4474     | GAF-462-02-11         | 07/01/14 |
| FM (TST1867)      | FM 4470     | 3037525             | 09/25/09 | PRI (TST5878)  | FM 4474     | GAF-538-02-03         | 08/13/14 |
| FM (TST1867)      | FM 4474     | 3037879             | 02/04/10 | PRI (TST5878)  | FM 4474     | GAF-653-02-01         | 11/11/16 |
| FM (TST1867)      | FM 4470     | 3040234             | 02/23/11 | PRI (TST5878)  | FM 4474     | GAF-653-02-04         | 11/11/16 |
| FM (TST1867)      | FM 4474     | 3041746             | 08/17/11 | PRI (TST5878)  | FM 4474     | GAF-746-02-01         | 12/14/16 |
| FM (TST1867)      | FM 4474     | 797-07043-267       | 01/16/12 | PRI (TST5878)  | FM 4474     | GAF-746-02-02         | 12/14/16 |
| FM (TST1867)      | FM 4474     | 3044862             | 05/11/12 | PRI (TST5878)  | FM 4474     | GAF-746-02-05         | 12/14/16 |
| FM (TST1867)      | FM 4474     | 3044914             | 06/18/12 | PRI (TST5878)  | FM 4474     | GAF-746-02-06         | 12/14/16 |
| FM (TST1867)      | FM 4474     | 3045789             | 07/12/12 | PRI (TST5878)  | FM 4470     | GAF-755-02-01         | 02/02/17 |
| FM (TST1867)      | FM 4474     | 3046328             | 09/13/12 | PRI (TST5878)  | FM 4474     | GAF-755-02-02         | 02/02/17 |
| FM (TST1867)      | FM 4474     | 3041769             | 09/27/12 | PRI (TST5878)  | FM 4474     | GAF-755-02-03         | 02/02/17 |
| FM (TST1867)      | FM 4474     | 3046403             | 09/28/12 | PRI (TST5878)  | FM 4474     | GAF-755-02-04         | 02/02/17 |
| FM (TST1867)      | FM 4474     | 797-07886-267       | 11/21/12 | PRI (TST5878)  | FM 4474     | GAF-756-02-01         | 02/28/17 |
| FM (TST1867)      | FM 4474     | 797-07849-267       | 12/03/12 | PRI (TST5878)  | FM 4474     | GAF-756-02-02         | 02/28/17 |
| FM (TST1867)      | FM 4474     | 3046054             | 12/21/12 | PRI (TST5878)  | FM 4474     | GAF-782-02-02         | 08/30/17 |
| FM (TST1867)      | FM 4474     | 3047606             | 02/26/13 | PRI (TST5878)  | FM 4474     | GAF-776-02-02         | 10/04/17 |
| FM (TST1867)      | FM 4474     | 3048122             | 04/29/13 | PRI (TST5878)  | Criticality | GAF-793-02-01         | 12/08/17 |
| FM (TST1867)      | FM 4474     | 797-08217-267       | 05/01/13 | PRI (TST5878)  | FM 4474     | GAF-793-02-02         | 12/08/17 |
| FM (TST1867)      | FM 4474     | 3047237             | 07/15/13 | PRI (TST5878)  | FM 4474     | GAF-793-02-04         | 12/08/17 |
| FM (TST1867)      | FM 4474     | 3047636             | 08/08/13 | PRI (TST5878)  | FM 4474     | GAF-834-02-01         | 02/28/18 |
| FM (TST1867)      | FM 4474     | 797-08873-267       | 11/26/13 | PRI (TST5878)  | FM 4474     | GAF-833-02-01         | 03/02/18 |
| FM (TST1867)      | FM 4474     | 3048066             | 12/13/13 | PRI (TST5878)  | FM 4474     | GAF-833-02-02         | 03/02/18 |
| FM (TST1867)      | FM 4474     | 797-09116-267       | 01/24/14 | PRI (TST5878)  | FM 4474     | GAF-902-02-02         | 02/27/19 |
| FM (TST1867)      | FM 4474     | 797-09495-267       | 05/27/14 | PRI (TST5878)  | FM 4474     | GAF-926-02-01         | 07/17/19 |
| FM (TST1867)      | FM 4474     | 797-09594-267       | 06/24/14 | PRI (TST5878)  | FM 4474     | 376T0016              | 08/09/19 |
| FM (TST1867)      | FM 4474     | 797-09892-267       | 08/12/14 | PRI (TST5878)  | Criticality | 376T0006-1            | 09/06/19 |
| FM (TST1867)      | FM 4474     | 3054498             | 11/30/15 | PRI (TST5878)  | Criticality | 376T0006-2            | 09/06/19 |
| FM (TST1867)      | FM 4474     | RR205474            | 08/31/16 | PRI (TST5878)  | Criticality | 376T0006-3            | 09/06/19 |
| FM (TST1867)      | FM 4474     | RR206353            | 09/07/16 | PRI (TST5878)  | FM 4474     | 376T0025              | 09/06/19 |
| FM (TST1867)      | FM 4474     | 3056728             | 11/09/16 | PRI (TST5878)  | FM 4474     | 376T0026              | 09/06/19 |
| FM (TST1867)      | FM 4474     | 3056822             | 11/14/16 | PRI (TST5878)  | FM 4474     | 376T0043              | 12/04/19 |
| FM (TST1867)      | FM 4474     | 3055491             | 12/05/16 | PRI (TST5878)  | FM 4474     | 376T0167              | 06/07/21 |
| FM (TST1867)      | FM 4474     | 3058483             | 12/09/16 | PRI (TST5878)  | Criticality | 376T0168              | 06/07/21 |
| FM (TST1867)      | FM 4474     | RR208456            | 02/13/17 | PRI (TST5878)  | FM 4474     | 376T0183              | 09/13/21 |
| FM (TST1867)      | FM 4474     | RR208456            | 02/13/17 | PRI (TST5878)  | FM 4474     | 376T0186              | 09/13/21 |
| FM (TST1867)      | FM 4474     | 3061218             | 05/10/17 | PRI (TST5878)  | FM 4474     | 376T0187              | 09/13/21 |
| FM (TST1867)      | FM 4474     | 3061218 LTR         | 05/16/17 | PRI (TST5878)  | FM 4474     | 410T0026              | 12/15/21 |
| FM (TST1867)      | FM 4474     | RR209927            | 06/23/17 | PRI (TST5878)  | FM 4474     | 376T0313              | 07/19/22 |
| FM (TST1867)      | FM 4474     | RR210305            | 07/13/17 | PRI (TST5878)  | FM 4474     | 376T0314              | 07/19/22 |
| FM (TST1867)      | FM 4474     | OMG LTR             | 12/14/17 | PRI (TST5878)  | FM 4474     | 376T0491.2            | 01/16/24 |
| FM (TST1867)      | FM 4474     | RR212730            | 04/05/18 | PRI (TST5878)  | FM 4474     | 376T0470              | 02/13/24 |
| FM (TST1867)      | FM 4474     | 3056933             | 07/19/18 | PRI (TST5878)  | FM 4474     | 376T0488.1            | 02/13/24 |
| FM (TST1867)      | FM 4474     | PR449764            | 07/25/18 | UL (QUA9625)   | QC          | Service Confirmation  | 07/12/22 |
|                   |             |                     |          | UL (QUA9625)   | QC          | Florida BCIS          | Current  |

#### 4. PRODUCT DESCRIPTION:

This PEER covers **GAF EverGuard PVC and PVC/KEE Roof Systems** installed in accordance with **GAF** published installation instructions and the [Limitations of Use herein](#).

| TABLE 1: EVALUATED MEMBRANES |                                                  |                |                   |      |       |              |
|------------------------------|--------------------------------------------------|----------------|-------------------|------|-------|--------------|
| TYPE                         | PRODUCT                                          |                | MATERIAL STANDARD |      |       | PLANT(s)     |
|                              |                                                  |                | REFERENCE         | TYPE | GRADE |              |
| ROOF COVER OR CAP PLY        | EverGuard® PVC                                   | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                              | EverGuard® PVC Smooth                            | 50, 60, 80-mil |                   |      |       | NJ           |
|                              | EverGuard® PVC KEE                               | 50, 60, 80-mil |                   |      |       | UT           |
|                              | EverGuard® PVC XK                                | 50, 60, 80-mil |                   |      |       | NJ           |
|                              | EverGuard® PVC Fleeceback                        | 50, 60, 80-mil |                   |      |       | UT           |
|                              | EverGuard® PVC KEE Fleeceback                    | 50, 60, 80-mil |                   |      |       | UT           |
|                              | EverGuard® PVC XK Fleeceback                     | 60, 80-mil     |                   |      |       | NJ           |
| BASE SHEETS                  | GAFGLAS® #75 Base Sheet                          |                | ASTM D4601        | II   | N/A   | AL, CA-F, GA |
|                              | Tri-Ply® #75 Base Sheet                          |                |                   |      |       | AL, CA-F, GA |
|                              | GAFGLAS® #80 Ultima™ Base Sheet                  |                | ASTM D4897        | II   | N/A   | AL, GA       |
|                              | GAFGLAS® Stratavent® Nailable Venting Base Sheet |                |                   |      |       | AL, GA       |
| BASE PLYS:                   | Ruberoid® 20 Smooth                              |                | ASTM D6163        | I    | S     | AR           |
|                              | Ruberoid® HW 20 Smooth                           |                |                   | I    | S     | AR           |
|                              | Ruberoid® HW 25 Smooth                           |                |                   | I    | S     | GA           |
|                              | Ruberoid® HW Smooth                              |                | ASTM D6164        | I    | S     | GA           |
|                              | Ruberoid® Mop Smooth                             |                |                   | I    | S     | GA           |
|                              | Ruberoid® Mop Smooth 1.5                         |                |                   | I    | S     | GA           |
| VAPOR BARRIER MEMBRANES:     | GAFGLAS® #75 Base Sheet                          |                | ASTM D4601        | II   | N/A   | AL, CA-F, GA |
|                              | Tri-Ply® #75 Base Sheet                          |                |                   | II   | N/A   | AL, CA-F, GA |
|                              | GAFGLAS #80 Ultima Base Sheet                    |                |                   | II   | N/A   | AL, GA       |
|                              | GAFGLAS® Ply 4                                   |                | ASTM D2178        | IV   | N/A   | AL, CA-F, GA |
|                              | Tri-Ply Ply 4 Ply Sheet                          |                |                   | IV   | N/A   | AL, CA-F, GA |
|                              | GAFGLAS® Ply 4 M                                 |                |                   | IV   | N/A   | AL           |
|                              | GAFGLAS® FlexPly™ 6                              |                |                   | VI   | N/A   | AL, GA       |
|                              | GAFGLAS® FlexPly™ 6 M                            |                | ASTM D6163        | VI   | N/A   | AL           |
|                              | Ruberoid® 20 Smooth                              |                |                   | I    | S     | AR           |
|                              | Ruberoid® HW 20 Smooth                           |                |                   | I    | S     | AR           |
|                              | Ruberoid® HW 25 Smooth                           |                |                   | I    | S     | GA           |
|                              | Ruberoid® HW 30 Smooth                           |                |                   | I    | S     | AR           |
|                              | Ruberoid® 30 Granule                             |                |                   | I    | G     | GA           |
|                              | Ruberoid® HW Smooth                              |                | ASTM D6164        | I    | S     | GA           |
|                              | Ruberoid® Mop Smooth                             |                |                   | I    | S     | GA           |
|                              | Ruberoid® Mop Smooth 1.5                         |                |                   | I    | S     | GA           |
|                              | Ruberoid® Mop Plus Smooth                        |                |                   | I    | S     | GA           |
|                              | Liberty™ SBS Self-Adhering Cap Sheet             |                |                   | I    | G     | AR, GA       |
|                              | Ruberoid® HW Granule                             |                |                   | I    | G     | GA           |
|                              | Ruberoid® Mop Granule                            |                |                   | I    | G     | CA-S, GA     |
|                              | Ruberoid® HW Plus Granule                        |                |                   | II   | G     | GA           |
|                              | Ruberoid® Mop Plus Granule                       |                |                   | II   | G     | GA           |
|                              | Ruberoid® Torch Smooth                           |                | ASTM D6222        | I    | S     | CA-S, GA, IN |
|                              | Ruberoid® Torch Granule                          |                |                   | I    | G     | CA-S, GA, IN |
|                              | GAF SA Vapor Retader XL and XL40                 |                | N/A               | N/A  | N/A   | IN           |

## 5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with requirements of the applicable Code to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC or IBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC or IBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This PEER does not include evaluation of roof edge termination. Refer to **FBC or IBC 1504.5** for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC or IBC 1511** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with [ANSI/SPRI FX-1](#) or [Testing Application Standard TAS 105](#).
- 5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with [ANSI/SPRI IA-1](#), [ASTM E907](#), [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#) shall be conducted on mock-ups of the proposed new roof assembly.
- 5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [ASTM E907](#), [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#).
- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FBC or IBC 1609** for determination of design wind loads.
- 5.7.2 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC or IBC Chapter 16**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI WD1](#), [FM Loss Prevention Data Sheet 1-29](#), [Roofing Application Standard RAS 117](#) or [RAS 137](#). Assemblies marked with an asterisk\* carry the limitations set forth in **Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29** for Zone 2/3 enhancements.
- 5.7.3 For assemblies with all components fully bonded in place, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with **FBC or IBC Chapter 16**. No rational analysis is permitted for these systems.

- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

**6. INSTALLATION:**

**GAF EverGuard PVC and PVC/KEE Roof Systems** shall be installed in accordance with **GAF** published installation instructions, subject to the [Limitations of Use](#) noted herein.

**7. BUILDING PERMIT REQUIREMENTS:**

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

**8. MANUFACTURING PLANTS:**

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

**9. QUALITY ASSURANCE ENTITY:**

[UL, LLC – QUA9625](#): (360) 817-5512; [bsai.inspections@ul.com](mailto:bsai.inspections@ul.com)

**- THE 193-PAGES THAT FOLLOW FORM PART OF THIS PEER -**

**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

| TABLE              | DECK                           | APPLICATION                       | TYPE | DESCRIPTION                                                                                                     | PAGE |
|--------------------|--------------------------------|-----------------------------------|------|-----------------------------------------------------------------------------------------------------------------|------|
| <a href="#">1A</a> | Wood                           | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 9    |
| <a href="#">1B</a> | Wood                           | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 11   |
| <a href="#">1C</a> | Wood                           | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 12   |
| <a href="#">1D</a> | Wood                           | New, Reroof (Tear-Off) or Recover | C-2  | Induction Welded Roof Cover                                                                                     | 14   |
| <a href="#">1E</a> | Wood                           | New, Reroof (Tear-Off) or Recover | D-1  | Mechanically Attached Roof Cover                                                                                | 18   |
| <a href="#">1F</a> | Wood                           | New, Reroof (Tear-Off) or Recover | E-1  | Non-Insulated, Mechanically Attached Roof Cover                                                                 | 18   |
| <a href="#">1G</a> | Wood                           | New or Reroof (Tear Off)          | E-2  | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover                                              | 18   |
| <a href="#">2A</a> | Steel                          | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 20   |
| <a href="#">2B</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 46   |
| <a href="#">2C</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Base Ply, Bonded Cap Ply                   | 46   |
| <a href="#">2D</a> | Steel                          | New, Reroof (Tear-Off) or Recover | B-2  | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover               | 51   |
| <a href="#">2E</a> | Steel                          | New, Reroof (Tear-Off) or Recover | B-2  | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Base Ply, Bonded Cap Ply | 59   |
| <a href="#">2F</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 61   |
| <a href="#">2G</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Base Ply, Bonded Cap Ply                                               | 98   |
| <a href="#">2H</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-1A | Thermal Barrier with Vapor Barrier, Mechanically Attached Insulation, Bonded Roof Cover                         | 103  |
| <a href="#">2I</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-2  | Induction Welded Roof Cover                                                                                     | 108  |
| <a href="#">2J</a> | Steel                          | New, Reroof (Tear-Off) or Recover | D-1  | Mechanically Attached Roof Cover                                                                                | 109  |
| <a href="#">3A</a> | Structural concrete            | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 112  |
| <a href="#">3B</a> | Structural concrete            | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Base Ply, Bonded Cap Ply                                                              | 135  |
| <a href="#">3C</a> | Structural concrete            | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 139  |
| <a href="#">4A</a> | Deck with Lightweight Concrete | New or Reroof (Tear Off)          | E-2  | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover                                              | 140  |
| <a href="#">4B</a> | Deck with Lightweight Concrete | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 143  |
| <a href="#">4C</a> | Deck with Lightweight Concrete | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 145  |
| <a href="#">5A</a> | Cementitious wood fiber        | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 147  |
| <a href="#">5B</a> | Cementitious wood fiber        | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 149  |
| <a href="#">6A</a> | Existing gypsum                | Reroof (Tear-Off)                 | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 150  |
| <a href="#">6B</a> | Existing gypsum                | Reroof (Tear-Off)                 | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 151  |
| <a href="#">6C</a> | Existing gypsum                | Reroof (Tear-Off)                 | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 157  |
| <a href="#">6D</a> | Existing gypsum                | Reroof (Tear-Off)                 | F    | Non-Insulated, Bonded Roof Cover                                                                                | 159  |
| <a href="#">7A</a> | Various                        | Recover                           | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 160  |
| <a href="#">7B</a> | Steel                          | Recover                           | C-2  | Induction Welded Roof Cover                                                                                     | 192  |
| <a href="#">7C</a> | Steel                          | Recover                           | D-1  | Insulated, Mechanically Attached Roof Cover                                                                     | 192  |
| <a href="#">7D</a> | Concrete                       | Recover                           | F    | Non-Insulated, Bonded Roof Cover                                                                                | 193  |

The following notes apply to the systems outlined herein:

- The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with requirements of the applicable Code to the satisfaction of the Authority Having Jurisdiction.
- Unless otherwise noted, fasteners and stress plates shall be as follows. Recessed plates are not for use with cement-based or gypsum-based hardboard coverboards. Fasteners shall be of sufficient length for the following engagements:

| FASTENER/PLATE OPTIONS |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                    |                                                                                                                                                    |
|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| DECK TYPE              | BY    | PARTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                    | MINIMUM ENGAGEMENT                                                                                                                                 |
|                        |       | LOOSE PARTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRE-ASSEMBLED PARTS                                                                                                                                                                                                |                                                                                                                                                    |
| Wood                   | GAF   | Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate                                                                                                                                                               | Drill-Tec 3" ASAP Flat, Drill-Tec 3" ASAP Recessed, Drill-Tec ASAP 3S or Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate                                                                | Minimum ¾-inch plywood penetration or minimum 1-inch wood plank embedment                                                                          |
| Steel                  | GAF   | Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate                                                                                                           | Drill-Tec 3" ASAP Flat, Drill-Tec 3" ASAP Recessed, Drill-Tec ASAP 3S, Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate or Drill-Tec Extra Heavy Duty ASAP Roofing Fastener – Insulation | Minimum ¾-inch steel penetration and engage the top flute of the steel deck                                                                        |
|                        | Note: | Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to steel deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.                                                                          |                                                                                                                                                                                                                    |                                                                                                                                                    |
|                        | Note: | Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to steel deck. |                                                                                                                                                                                                                    |                                                                                                                                                    |
| Structural Concrete    | GAF   | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener or Drill-Tec CD-10 with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate                                                                                                                                                                                                                             | Drill-Tec 3" ASAP Flat (#14 only) or Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate                                                                                                    | Minimum 1-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions |
|                        | Note: | Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to structural concrete deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.                                                                                                              |                                                                                                                                                                                                                    |                                                                                                                                                    |
|                        | Note: | Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to structural concrete deck.                                          |                                                                                                                                                                                                                    |                                                                                                                                                    |

- Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC 1505 or IBC and, for foam plastic, FBC or IBC Chapter 26, when installed with the roof cover.
- Minimum 200 psi, minimum 2-inch thick FBC Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with requirements of the applicable Code to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.
- Preliminary insulation attachment: Unless otherwise noted, use FBC Approved roofing fasteners and plates and refer to Section 2.2.10.1.3 of [FM Loss Prevention Data Sheet 1-29](#).

- 6 Unless otherwise noted, insulation adhesive application rates are as follows.
- ✓ Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.
  - ✓ If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.
  - ✓ When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.
  - ✓ The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

| INSULATION ADHESIVE REFERENCES |                               |                  |        |                                                                                  |
|--------------------------------|-------------------------------|------------------|--------|----------------------------------------------------------------------------------|
| By                             | ADHESIVE                      | REFERENCE        | FBC    | MINIMUM RATE                                                                     |
| GAF                            | GAF LRF Adhesive M            | 'LRF-M'          | None   | Continuous 0.75 to 1-inch ribbons, 12-inch o.c.                                  |
|                                | GAF LRF Adhesive M Canister   | 'LRF-M Canister' | None   | Continuous 1 to 1.5-inch ribbons, 12-inch o.c.                                   |
|                                | GAF LRF Adhesive XF           | 'LRF-XF'         | None   | Continuous 0.75 to 1-inch ribbons, 12-inch o.c.                                  |
| OMG, Inc.                      | OlyBond 500 Adhesive Fastener | 'OB500'          | FL1608 | Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister) |
| Generic, ASTM D312, Type IV    | hot asphalt                   | N/A              | N/A    | Full coverage at 25-30 lbs/square                                                |

- 7 Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

| MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS |                                                                      |                 |                             |           |
|----------------------------------------------------------|----------------------------------------------------------------------|-----------------|-----------------------------|-----------|
| ADHESIVE                                                 | INSULATION                                                           |                 | MIN. TAPERED THICKNESS (IN) | MDP (psf) |
|                                                          | LISTED PRODUCT                                                       | FBC FILE OR NOA |                             |           |
| LRF-M                                                    | EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | FL16311         | 0.5                         | -232.5    |
| LRF-XF                                                   | EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | FL16311         | 0.5                         | -292.5    |
| LRF-XF                                                   | EnergyGuard RA                                                       | 24-0402.09      | 0.5                         | -487.5    |
| OB500                                                    | EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | FL16311         | 0.5                         | -292.5    |
| OB500                                                    | EnergyGuard RH                                                       | 19-1017.09      | 0.5                         | -315.0    |
| OB500                                                    | EnergyGuard RA                                                       | 24-0402.09      | 0.5                         | -487.5    |
| Hot asphalt                                              | Any EnergyGuard polyisocyanurate listed with adhesive herein         | Various         | 0.5                         | -240.0    |

- 8 For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet](#) 1-29.
- 9 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC or IBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI](#) WD1, [FM Loss Prevention Data Sheet](#) 1-29, [Roofing Application Standard](#) RAS 117 and RAS 137. Assemblies marked with an asterisk\* carry the limitations set forth in Section 2.2.10.1 of [FM Loss Prevention Data Sheet](#) 1-29 for Zone 2/3 enhancements.
- 10 For assemblies with all components fully bonded, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC or IBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with [ANSI/SPRI](#) FX-1 or [Testing Application Standard](#) TAS 105.

- 12 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing. Field uplift testing shall be in accordance with ASTM E907, [FM Loss Prevention Data Sheet](#) 1-52 or [Testing Application Standard](#) TAS 124.

- 12A Reference to “Existing gravel-surfaced asphaltic built-up roof, brushed / spudded and vacuumed to remove loose gravel” in Table 7A is intended to convey an as-tested condition whereby any loose-gravel that does not remain embedded in the asphalt flood coat after brushing and/or spudding be removed. The gravel that remains embedded in the asphalt flood coat remains.



- 13 Refer to FBC or IBC 1511 for requirements and limitations regarding recover installations. For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation ([Note 5](#)). The separator component shall be documented as meeting FBC or IBC 1505 and, for foam plastic, FBC or IBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC Product Approval for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1. For “pre-existent” LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.
- 15 For bonded membrane applications, unless otherwise noted, refer to the following.

| MEMBRANE / ADHESIVE COMBINATIONS |                                                          |                                  |                     |                                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------|----------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ROOF COVERS                      |                                                          |                                  |                     |                                                                                                                                                                                                                                                                                |
| REFERENCE                        | MEMBRANE                                                 | ADHESIVE                         | APPLICATION         | RATE                                                                                                                                                                                                                                                                           |
| PVC1-BA                          | EverGuard PVC Smooth or EverGuard PVC XK                 | EverGuard #2331                  | Contact             | 1.67 to 1.80 gal/square (½ applied to substrate and ½ applied to membrane)                                                                                                                                                                                                     |
| PVC2-BA                          | EverGuard PVC or EverGuard PVC KEE                       | Bonding Adhesive                 | (both sides)        |                                                                                                                                                                                                                                                                                |
| PVC1-BA-H                        | EverGuard PVC XK                                         | EverGuard #2331                  | Contact             | 1.67 to 2.0 gal/square (½ applied to substrate and ½ applied to membrane)                                                                                                                                                                                                      |
| PVC2-BA-H                        | EverGuard PVC or EverGuard PVC KEE                       | Bonding Adhesive H               | (both sides)        |                                                                                                                                                                                                                                                                                |
| PVC2-QL                          | EverGuard PVC                                            | EverGuard PVC Quick Lay Adhesive | Wet lay (substrate) | 1 gal/square                                                                                                                                                                                                                                                                   |
| PVC1-QS                          | EverGuard PVC XK                                         | PVC Quick Spray                  | Contact             | 3.0 lbs/square to both the substrate and to the membrane underside, and immediately rolled in. (6.0 lbs/square total rate)                                                                                                                                                     |
| PVC2-QS                          | EverGuard PVC or EverGuard PVC KEE                       | Adhesive                         | (both sides)        |                                                                                                                                                                                                                                                                                |
| PVCX-HA                          | EverGuard PVC XK Fleeceback                              | hot asphalt                      | Wet lay (substrate) | 25 lbs/square                                                                                                                                                                                                                                                                  |
| PVCF-HA                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback |                                  |                     |                                                                                                                                                                                                                                                                                |
| PVCX-WB                          | EverGuard PVC XK Fleeceback                              | EverGuard WB181 Bonding Adhesive | Wet lay (substrate) | 0.83 to 1.0 gal/square                                                                                                                                                                                                                                                         |
| PVCF-WB                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback |                                  |                     |                                                                                                                                                                                                                                                                                |
| PVCX-LM                          | EverGuard PVC XK Fleeceback                              | GAF LRF Adhesive M               | Wet lay (substrate) | 1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick or “spatter pattern” at 0.55 to 0.75 gal/square. |
| PVCF-LM                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback |                                  |                     |                                                                                                                                                                                                                                                                                |
| PVCX-LMC                         | EverGuard PVC XK Fleeceback                              | GAF LRF Adhesive M Canister      | Wet lay (substrate) | “spatter pattern” at 0.3 gal/square.<br>Notes: PVCX-LMC (spatter) is an acceptable alternate to PVCX-LM (ribbons). Limited to MDP -90.0 psf over air permeable decks (wood, steel and CWF).                                                                                    |

| MEMBRANE / ADHESIVE COMBINATIONS<br>ROOF COVERS |                                                                                                 |                                          |                     |                                                                                                                                                                                                                                  |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE                                       | MEMBRANE                                                                                        | ADHESIVE                                 | APPLICATION         | RATE                                                                                                                                                                                                                             |
| PVCF-LMC                                        | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | GAF LRF Adhesive M Canister              | Wet lay (substrate) | "spatter pattern" at 0.3 gal/square.<br>Notes: PVCF-LMC (spatter) is an acceptable alternate to PVCF-LM (ribbons). Limited to MDP -90.0 psf over air permeable decks (wood, steel and CWF).                                      |
| PVCX-LO                                         | EverGuard PVC XK Fleeceback                                                                     | GAF LRF Adhesive O                       | Wet lay (substrate) | 1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick.   |
| PVCF-LO                                         | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                     |                                                                                                                                                                                                                                  |
| PVCF-XF                                         | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | GAF LRF Adhesive XF                      | Wet lay (substrate) | "spatter pattern" at 3.0 lbs/sq.                                                                                                                                                                                                 |
| PVCX-OB                                         | EverGuard PVC XK Fleeceback                                                                     | OlyBond 500 Canister                     | Wet lay (substrate) | "spatter pattern" at 0.32 gal/square (to insulation, coverboard or Tectum)<br>"spatter pattern" at 0.83 gal/square (to asphaltic base ply membrane).                                                                             |
| PVCF-OB                                         | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | OlyBond 500 Canister                     | Wet lay (substrate) | "spatter pattern" at 0.32 gal/square (to insulation, coverboard or Tectum)<br>"spatter pattern" at 0.83 gal/square (to asphaltic base ply membrane).<br>Note: PVCF-OB (spatter) is an acceptable alternate to PVCF-LO (ribbons). |
| SBS-CA                                          | Ruberoid 20 Smooth                                                                              | Matrix 102 SBS Membrane Adhesive         |                     | 2.0 gal/square                                                                                                                                                                                                                   |
| SBS-CA1                                         | Ruberoid 20 Smooth, Ruberoid Mop Smooth                                                         | Matrix 101 Premium SBS Membrane Adhesive |                     | 1.5-2.0 gal/square                                                                                                                                                                                                               |
| BP-AA                                           | One or two plies, GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet | Hot asphalt                              |                     | 25 lbs/square                                                                                                                                                                                                                    |
| SBS-AA                                          | One or two plies, Ruberoid 20 Smooth, Ruberoid Mop Smooth or Ruberoid Mop Smooth 1.5            | Hot asphalt                              |                     | 25 lbs/square                                                                                                                                                                                                                    |
| SBS-SA                                          | LIBERTY SBS Self-Adhering Cap Sheet                                                             | Self-adhering                            |                     | Full bond                                                                                                                                                                                                                        |
| SBS-TA                                          | One or two plies, Ruberoid HW 20 Smooth, Ruberoid HW 25 Smooth, Ruberoid HW Smooth              | Torch-applied                            |                     | Full bond                                                                                                                                                                                                                        |

| MEMBRANE / ADHESIVE COMBINATIONS<br>VAPOR BARRIERS |                                                                                                                                                                    |                                                 |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| REFERENCE                                          | MATERIAL                                                                                                                                                           | APPLICATION                                     |
| VB-APP-TA (smooth)                                 | Ruberoid Torch Smooth                                                                                                                                              | Torch-applied                                   |
| VB-APP-TA (granule)                                | Ruberoid Torch Granule                                                                                                                                             | Torch-applied                                   |
| VB-BP1-AA                                          | One or more GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet                                                                          | Hot asphalt at 25 lbs/square.                   |
| VB-BP2-AA                                          | One or two plies, GAFGLAS Ply 4, GAFGLAS Ply 4 M, Tri-Ply Ply 4 Ply Sheet, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M                                                |                                                 |
| VB-SBS-AA                                          | Ruberoid 20 Smooth, Ruberoid Mop Smooth, Ruberoid Mop Smooth 1.5, Ruberoid Mop Plus Smooth, Ruberoid 30 Granule or Ruberoid Mop Granule, Ruberoid Mop Plus Granule | Hot asphalt at 25 lbs/square.                   |
| VB-SBS-CA                                          | Ruberoid 20 Smooth, Ruberoid Mop Smooth, Ruberoid Mop Smooth 1.5, Ruberoid Mop Plus Smooth, Ruberoid 30 Granule or Ruberoid Mop Granule, Ruberoid Mop Plus Granule | Matrix 102 SBS Membrane Adhesive at 1.5 gal/sq. |
| VB-SBS-SA                                          | Liberty SBS Self-Adhering Cap Sheet                                                                                                                                | Self-adhering                                   |
| VB-SBS-TA                                          | Ruberoid HW 20 Smooth, Ruberoid HW 25 Smooth, Ruberoid HW 30 Smooth, Ruberoid HW Smooth, Ruberoid HW Granule or Ruberoid HW Plus Granule                           | Torch-applied                                   |

- 15A For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes.
- 15B For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates. For assemblies using "TreadSafe" plates, the minimum insulation thickness shall be 2-inches.

16 **Thermal Barrier and/or Vapor Barrier Options:**

16A **Structural Concrete Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

| OPTION # | PRIMER                                               | STRUCTURAL CONCRETE DECK: VAPOR BARRIER FOLLOWED BY ADHERED INSULATION |                                                    |                                                     |              |
|----------|------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|--------------|
|          |                                                      | VAPOR BARRIER <a href="#">(NOTE 15)</a>                                |                                                    | INSULATION ADHESIVE PER<br><a href="#">TABLE 3A</a> | MDP<br>(PSF) |
|          |                                                      | TYPE                                                                   | APPLICATION                                        |                                                     |              |
| C-VB-1.  | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-APP-TA (granule)                                                    | Torch-applied                                      | Hot asphalt                                         | -225.0       |
| C-VB-2.  | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-BP-AA1                                                              | Hot asphalt applied                                | Hot asphalt                                         | -360.0       |
| C-VB-3.  | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-BP2-AA or VB-SBS-AA                                                 | Hot asphalt applied                                | Hot asphalt                                         | -495.0       |
| C-VB-4.  | None                                                 | GAF SA Vapor Retarder XL                                               | Self-adhering                                      | LRF-M, 12-inch o.c.                                 | -180.0       |
| C-VB-5.  | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-APP-TA (granule), VB-SBS-AA, VB-SBS-CA, VB-SBS-SA or VB-SBS-TA      | See <a href="#">Note 15</a>                        | LRF-M, 12-inch o.c.                                 | -180.0       |
| C-VB-6.  | GAF SA Primer                                        | GAF SA Vapor Retarder                                                  | Self-adhering                                      | LRF-M, 12-inch o.c.                                 | -202.5       |
| C-VB-7.  | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-BP1-AA, VB-BP2-AA or VB-SBS-AA                                      | Hot asphalt applied                                | LRF-M, 12-inch o.c.                                 | -495.0       |
| C-VB-8.  | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-APP-TA (granule)                                                    | Torch-applied                                      | LRF-XF, 12-inch o.c.                                | -169.0       |
| C-VB-9.  | None                                                 | GAF SA Vapor Retarder XL                                               | Self-adhering                                      | LRF-XF, 12-inch o.c.                                | -180.0       |
| C-VB-10. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-APP-TA (granule), VB-SBS-AA, VB-SBS-CA, VB-SBS-SA or VB-SBS-TA      | See <a href="#">Note 15</a>                        | LRF-XF, 12-inch o.c.                                | -180.0       |
| C-VB-11. | GAF SA Primer                                        | GAF SA Vapor Retarder                                                  | Self-adhering                                      | LRF-XF, 12-inch o.c.                                | -202.5       |
| C-VB-12. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-SBS-SA                                                              | Self-adhering                                      | LRF-XF, 12-inch o.c.                                | -250.0       |
| C-VB-13. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-BP1-AA, VB-BP2-AA or VB-SBS-AA                                      | Hot asphalt applied                                | LRF-XF, 12-inch o.c.                                | -262.5       |
| C-VB-14. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid 30                                                            | Hot asphalt applied                                | LRF-XF, 12-inch o.c.                                | -270.0       |
| C-VB-15. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-APP-TA (smooth)                                                     | Torch-applied                                      | OB500, 12-inch o.c.                                 | -165.0       |
| C-VB-16. | None                                                 | GAF SA Vapor Retarder XL                                               | Self-adhering                                      | OlyBond 500, 12-inch o.c.                           | -180.0       |
| C-VB-17. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-SBS-AA, VB-SBS-CA, VB-SBS-SA or VB-SBS-TA                           | See <a href="#">Note 15</a>                        | OB500, 12-inch o.c.                                 | -180.0       |
| C-VB-18. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-SBS-SA                                                              | Self-adhering                                      | OB500, 12-inch o.c.                                 | -187.5       |
| C-VB-19. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid 20 Smooth                                                     | Matrix 102 SBS Membrane Adhesive at 1.5 gal/square | OB500, 12-inch o.c.                                 | -202.5       |
| C-VB-20. | GAF SA Primer                                        | GAF SA Vapor Retarder                                                  | Self-adhering                                      | OB500, 12-inch o.c.                                 | -202.5       |
| C-VB-21. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-APP-TA (granule)                                                    | Torch-applied                                      | OB500, 12-inch o.c.                                 | -225.0       |
| C-VB-22. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid HW Smooth                                                     | Torch-applied                                      | OB500, 12-inch o.c.                                 | -232.5       |
| C-VB-23. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | VB-BP1-AA, VB-BP2-AA or VB-SBS-AA                                      | Hot asphalt applied                                | OB500, 12-inch o.c.                                 | -352.5       |

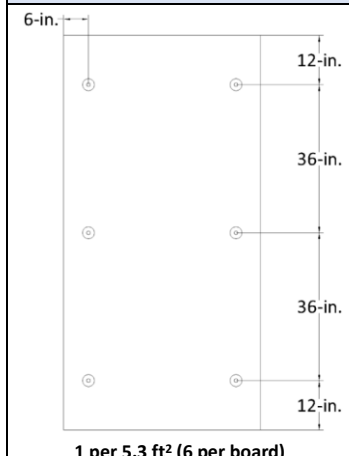
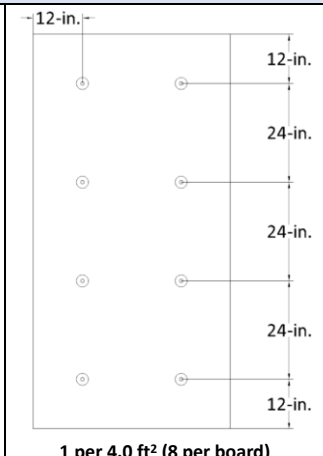
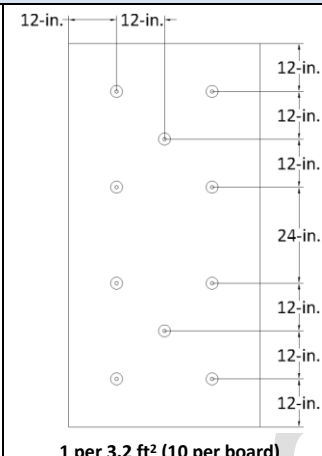
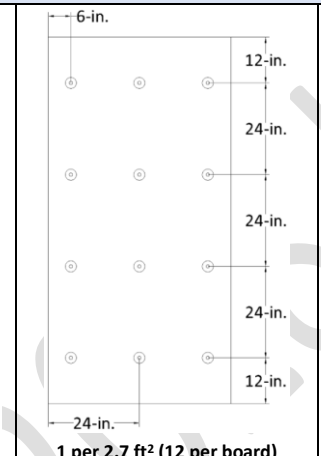
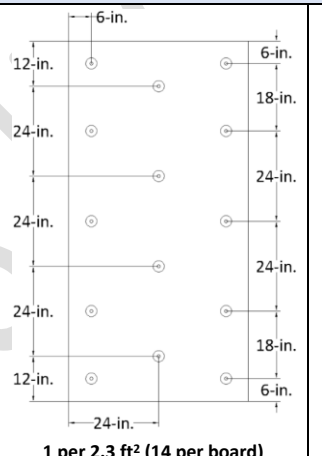
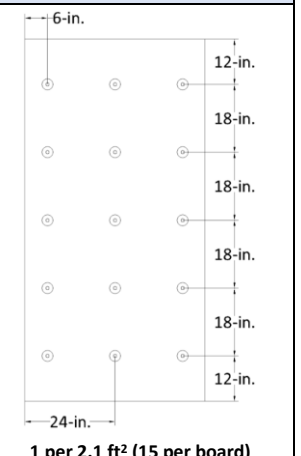
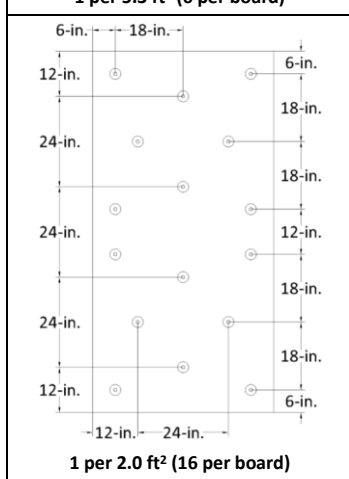
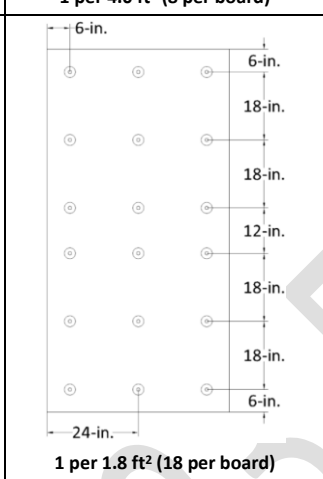
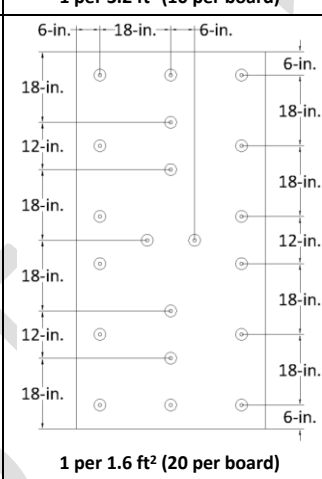
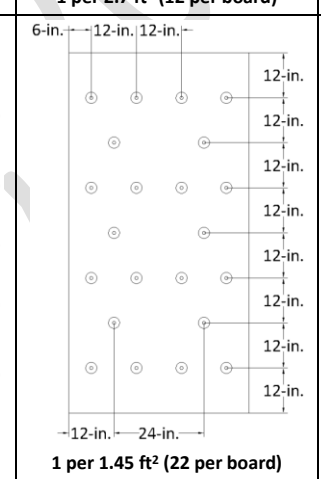
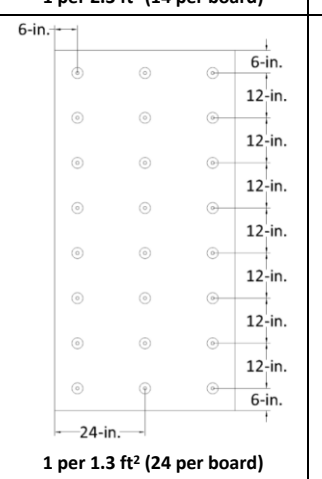
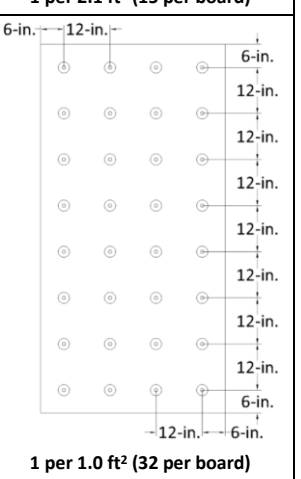
16B **Decks followed by Vapor Barrier followed by Lightweight Concrete (LWC):** The lesser of the MDP listings below vs. that for the selected assembly from the Lightweight Concrete tables applies:

| OPTION #  | PRIMER                                               | DECK FOLLOWED BY VAPOR BARRIER FOLLOWED BY CELLULAR LIGHTWEIGHT INSULATING CONCRETE                                                                                                                                   |               |                                                                                                      |              |
|-----------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------|--------------|
|           |                                                      | VAPOR BARRIER                                                                                                                                                                                                         |               | LIGHTWEIGHT CONCRETE PER<br><a href="#">TABLE 4A</a> OR <a href="#">4C</a> <a href="#">(NOTE 14)</a> | MDP<br>(PSF) |
|           |                                                      | TYPE                                                                                                                                                                                                                  | ATTACH        |                                                                                                      |              |
| LWC-VB-1. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 20 Smooth, Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 200 psi Mearlcrete (FL13492)                                                                    | -82.5        |
| LWC-VB-2. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 20 Smooth, Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 300 psi Celcore Cellular Concrete (FL2037)                                                      | -135.0       |
| LWC-VB-3. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 20 Smooth, Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 300 psi Elastizell (FL4994)                                                                     | -302.5       |
| LWC-VB-4. | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid HW 20 Smooth, Ruberoid HW 25 Smooth, Ruberoid HW Smooth                                                                                                                                                      | Torch-applied | Min. 540 psi pre-existent cellular LWC                                                               | -358.0       |

- 16C For System Types B-1, B-2, C-1, C-2, D-1 or D-2, GAF SA Vapor Retarder or GAF SA Vapor Retarder XL may be installed atop the roof deck, or to a loose-laid thermal barrier of DensDeck, DensDeck Prime, DensDeck StormX Prime, DEXcell Glass Mat Roof Board, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, SECUROCK Ultralight Coated Glass Mat Roof Board or SECUROCK Cement Roof Board, prior to installation of the insulation and roof cover. When adhering GAF SA Vapor Retarder to structural concrete, the substrate shall be primed with GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50. When adhering GAF SA Vapor Retarder to gypsum or cement boards, the substrate shall be primed with GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer. Refer to [FM Loss Prevention Data Sheet](#) 1-29 for design and installation limitations.
- 16D Fire barrier of VersaShield Solo™ Fire-Resistant Slip Sheet is optional in all assemblies when overlying components are mechanically fastened.
- 17 Unless otherwise noted, insulation or coverboard attachment patterns for Type B-1, Type B-2, Type C-1 and C-2 systems are as outlined below.

| INSULATION ATTACHMENT PATTERNS – 4x4 FT BOARDS  |  |                                                |  |                                                |  |
|-------------------------------------------------|--|------------------------------------------------|--|------------------------------------------------|--|
| <p>1 per 4.0 ft<sup>2</sup> (4 per board)</p>   |  | <p>1 per 3.2 ft<sup>2</sup> (5 per board)</p>  |  | <p>1 per 2.7 ft<sup>2</sup> (6 per board)</p>  |  |
| <p>1 per 2.0 ft<sup>2</sup> (8 per board)</p>   |  | <p>1 per 1.8 ft<sup>2</sup> (9 per board)</p>  |  | <p>1 per 1.6 ft<sup>2</sup> (10 per board)</p> |  |
| <p>1 per 1.45 ft<sup>2</sup> (11 per board)</p> |  | <p>1 per 1.3 ft<sup>2</sup> (12 per board)</p> |  | <p>1 per 1.0 ft<sup>2</sup> (16 per board)</p> |  |

**INSULATION ATTACHMENT PATTERNS – 4x8 FT BOARDS**

|                                                                                                                                         |                                                                                                                                          |                                                                                                                                           |                                                                                                                                             |                                                                                                                                            |                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>1 per 5.3 ft<sup>2</sup> (6 per board)</b></p>   |  <p><b>1 per 4.0 ft<sup>2</sup> (8 per board)</b></p>   |  <p><b>1 per 3.2 ft<sup>2</sup> (10 per board)</b></p>  |  <p><b>1 per 2.7 ft<sup>2</sup> (12 per board)</b></p>   |  <p><b>1 per 2.3 ft<sup>2</sup> (14 per board)</b></p>  |  <p><b>1 per 2.1 ft<sup>2</sup> (15 per board)</b></p>  |
|  <p><b>1 per 2.0 ft<sup>2</sup> (16 per board)</b></p> |  <p><b>1 per 1.8 ft<sup>2</sup> (18 per board)</b></p> |  <p><b>1 per 1.6 ft<sup>2</sup> (20 per board)</b></p> |  <p><b>1 per 1.45 ft<sup>2</sup> (22 per board)</b></p> |  <p><b>1 per 1.3 ft<sup>2</sup> (24 per board)</b></p> |  <p><b>1 per 1.0 ft<sup>2</sup> (32 per board)</b></p> |

- 18 The following products are interchangeable within the scope of this PEER:

| ACCEPTABLE ALTERNATES |                             |                 |                                         |                                                                                                                                    |
|-----------------------|-----------------------------|-----------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| SUB-CATEGORY          | MANUFACTURER                | FBC FILE OR NOA | LISTED PRODUCT HEREIN                   | ALTERNATE                                                                                                                          |
| ROOFING INSULATION    | GAF                         | FL16311         | EnergyGuard Polyiso Insulation          | EnergyGuard NH Polyiso Insulation                                                                                                  |
|                       |                             |                 | EnergyGuard Ultra Polyiso Insulation    | EnergyGuard NH Ultra Polyiso Insulation                                                                                            |
|                       |                             |                 | EnergyGuard HD Polyiso Cover Board      | EnergyGuard HD Barrier Polyiso Cover Board, EnergyGuard NH HD Polyiso Cover Board or EnergyGuard NH HD Barrier Polyiso Cover Board |
|                       |                             |                 | EnergyGuard HD Plus Polyiso Cover Board | EnergyGuard NH HD Plus Polyiso Cover Board                                                                                         |
|                       | Georgia-Pacific Gypsum, LLC | FL1250          | DensDeck Prime                          | DensDeck StormX Prime Roof Board                                                                                                   |
| VAPOR BARRIER         | GAF                         | N/A             | GAF SA Vapor Retarder XL                | GAF SA Vapor Retarder XL40                                                                                                         |

- 19 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC or IBC 1609 for determination of design wind loads. [\(Notes 9 and 10\)](#)

**TABLE 1A: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>   | Base Insulation Layer                                                              |                                      | Top Insulation Layer                                          |                                      | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|------------------------------------|------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------|--------------------------------------|--------------------------------------|------------------------------|
|            |                                    | Type                                                                               | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                          | Attach <a href="#">(Notes 6,7,8)</a> |                                      |                              |
| W-1.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                | (Optional) Additional layers base insulation, flat or tapered | OB500                                | PVC1-BA or PVC1-BA-H                 | -67.5                        |
| W-2.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                | (Optional) Additional layers base insulation, flat or tapered | OB500                                | PVC2-BA or PVC2-BA-H                 | -67.5                        |
| W-3.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                | (Optional) Additional layers base insulation, flat or tapered | OB500                                | PVC2-QL                              | -67.5                        |
| W-4.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                | (Optional) Additional layers base insulation, flat or tapered | OB500                                | PVC1-QS or PVC2-QS                   | -67.5                        |
| W-5.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                | (Optional) Additional layers base insulation, flat or tapered | OB500                                | PVCF-WB                              | -67.5                        |
| W-6.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                | (Optional) Additional layers base insulation, flat or tapered | OB500                                | PVCF-XF or PVCF-OB                   | -67.5                        |
| W-7.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                   | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                   | PVC1-BA or PVC1-BA-H                 | -75.0                        |
| W-8.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                   | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                   | PVC2-BA or PVC2-BA-H                 | -75.0                        |
| W-9.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                   | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                   | PVC2-QL                              | -75.0                        |
| W-10.      | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                   | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                   | PVC1-QS or PVC2-QS                   | -75.0                        |
| W-11.      | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                   | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                   | PVCF-WB                              | -75.0                        |
| W-12.      | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                   | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                   | PVCF-XF or PVCF-OB                   | -75.0                        |

**TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br><a href="#">(Note 1)</a>                        | Base Insulation Layer                                                             |                                     |                                     | Top Insulation Layer                            |                                         | Roof Cover <a href="#">(Note 15)</a>   | <a href="#">MDP (psf)</a> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------|
|                                                                                   |                                                         | Type                                                                              | Fasten<br><a href="#">(Note 11)</a> | Attach<br><a href="#">(Note 17)</a> | Type                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                        |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                            |                                                         |                                                                                   |                                     |                                     |                                                 |                                         |                                        |                           |
| W-13.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2 (#14 Fastener only)          | 1 per 2.0 ft <sup>2</sup>           | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVC1-BA, PVC1-BA-H or PVC1-QS          | -52.5                     |
| W-14.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2 (#14 only)                   | 1 per 2.0 ft <sup>2</sup>           | Min. 0.5-inch DensDeck Prime                    | LRF-M, LRF-XF or OB500, 6-inch o.c.     | PVC1-BA or PVC1-QS                     | -52.5                     |
| EVERGUARD PVC OR EVERGUARD PVC KEE APPLICATIONS:                                  |                                                         |                                                                                   |                                     |                                     |                                                 |                                         |                                        |                           |
| W-15.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2 (#14 Fastener only)          | 1 per 2.0 ft <sup>2</sup>           | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVC2-BA, PVC2-BA-H, PVC2-QL or PVC2-QS | -52.5                     |
| W-16.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2 (#14 only)                   | 1 per 2.0 ft <sup>2</sup>           | Min. 0.5-inch DensDeck Prime                    | LRF-M, LRF-XF or OB500, 6-inch o.c.     | PVC2-BA, PVC2-QL or PVS2-QS            | -52.5                     |
| EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:                              |                                                         |                                                                                   |                                     |                                     |                                                 |                                         |                                        |                           |
| W-17.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2 (#14 Fastener only)          | 1 per 2.0 ft <sup>2</sup>           | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVCX-OB                                | -52.5                     |
| W-18.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2 (#14 only)                   | 1 per 2.0 ft <sup>2</sup>           | Min. 0.5-inch DensDeck Prime                    | LRF-M, LRF-XF or OB500, 6-inch o.c.     | PVCX-OB                                | -52.5                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS: |                                                         |                                                                                   |                                     |                                     |                                                 |                                         |                                        |                           |
| W-19.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2 (#14 Fastener only)          | 1 per 2.0 ft <sup>2</sup>           | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVCF-XF or PVCF-OB                     | -52.5                     |
| W-20.                                                                             | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2 (#14 only)                   | 1 per 2.0 ft <sup>2</sup>           | Min. 0.5-inch DensDeck Prime                    | LRF-M, LRF-XF or OB500, 6-inch o.c.     | PVCF-XF or PVCF-OB                     | -52.5                     |

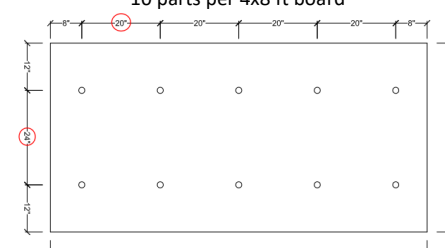
## SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

Figure 1 is a plan view of a rectangular test slab. The overall dimensions are 24 in. by 36 in. The reinforcement layout is shown with circles representing bars. Along the 36 in. depth, there are three rows of bars with vertical spacing of 6 in., 12 in., and 18 in. from the top edge. Along the 24 in. width, there are three columns of bars with horizontal spacing of 6 in., 12 in., and 18 in. from the left edge.

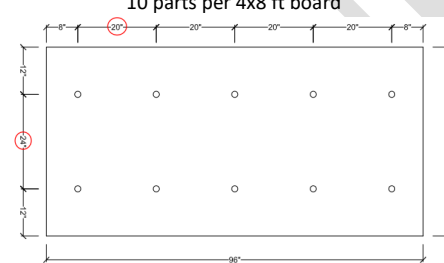
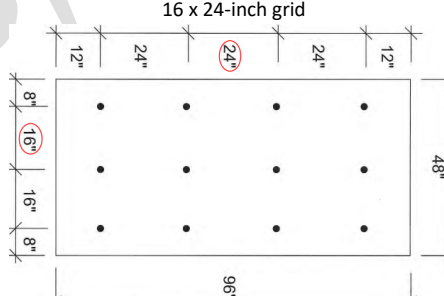
**TABLE 1C: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck <a href="#">(Note 1)</a>                           | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                  |                                  | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                                                               |                                                         |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a> | Attach <a href="#">(Note 17)</a> | Base Ply                             | Cap Ply                                                                     |                           |
| W-27.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 1.8 ft <sup>2</sup>        | None                                 | PVCX-OB                                                                     | -52.5                     |
| W-28.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft <sup>2</sup>        | None                                 | PVCX-OB                                                                     | -60.0                     |
| W-29.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.6 ft <sup>2</sup>        | None                                 | PVCX-OB                                                                     | -60.0                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                         |                                                         |                                                                                                                                                                  |                                  |                                  |                                      |                                                                             |                           |
| W-30.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.8 ft <sup>2</sup>        | None                                 | PVCF-XF or PVCF-OB                                                          | -52.5                     |
| W-31.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 1.8 ft <sup>2</sup>        | None                                 | PVCF-XF or PVCF-OB                                                          | -52.5                     |
| W-32.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft <sup>2</sup>        | None                                 | PVCF-XF or PVCF-OB                                                          | -60.0                     |
| W-33.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.6 ft <sup>2</sup>        | None                                 | PVCF-XF or PVCF-OB                                                          | -60.0                     |
| W-34.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft <sup>2</sup>        | SBS-AA, SBS-SA or SBS-TA             | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |

**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No.                                | Deck<br>(Note 1)                                                       | Insulation Layer<br>(Note 3, Note 13)          | Attachment                                                                                                                                                                                    |                                                                                                                                                                                           | Roof Cover (Note 15B)                                                                                                                      | MDP<br>(psf) |
|-------------------------------------------|------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                                           |                                                                        |                                                | Fastener (Note 11)                                                                                                                                                                            | Density                                                                                                                                                                                   |                                                                                                                                            |              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                                                        |                                                |                                                                                                                                                                                               |                                                                                                                                                                                           |                                                                                                                                            |              |
| W-35.                                     | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span                | One or more layers, any combination            | Drill-Tec #14 Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                                                  | 1 per 2.7 ft <sup>2</sup><br>(12 parts per 4 x 8 ft board)<br>Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge. | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -52.5        |
| W-36.                                     | Code compliant sheathing over nominal No. 2 wood trusses; 2 ft span    | (Optional) One or more layers, any combination | Drill-Tec #14 (min. 1-inch embedment into wood supports) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports                       | 18-inch o.c. along wood supports, 24-inch o.c.                                                                                                                                            | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -82.5        |
| EVERGUARD PVC OR EVERGUARD PVC KEE:       |                                                                        |                                                |                                                                                                                                                                                               |                                                                                                                                                                                           |                                                                                                                                            |              |
| W-37.                                     | Min. 15/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | 24 x 28-inch grid                                                                                                                                                                         | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -22.5        |
| W-38.                                     | Min. 15/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 28-inch grid                                                                                                                                                                         | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -22.5        |
| W-39.                                     | Min. 23/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | 8 parts per 4x8 ft board<br>24 x 24-inch grid<br>(Note 17)                                                                                                                                | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -30.0        |
| W-40.                                     | Min. 19/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 8 parts per 4x8 ft board<br>24 x 24-inch grid<br>(Note 17)                                                                                                                                | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -30.0        |
| W-41.                                     | Min. 23/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | 10 parts per 4x8 ft board<br>                                                                        | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -37.5        |

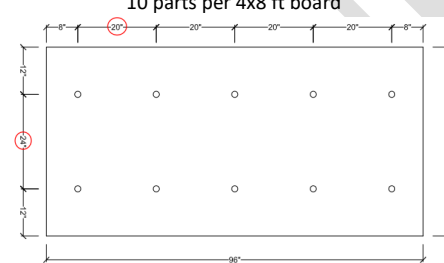
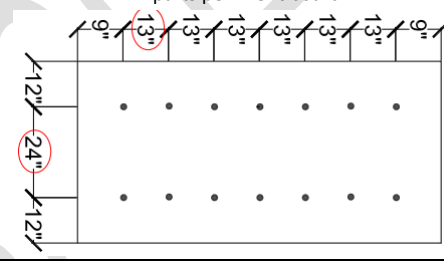
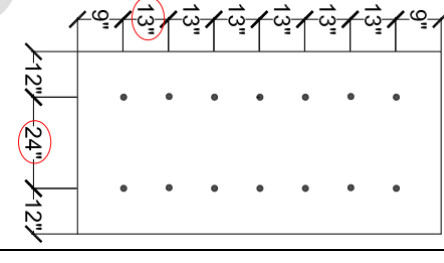
**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                     | Insulation Layer<br>( <a href="#">Note 3</a> , <a href="#">Note 13</a> ) | Attachment                                                                                                                                                                                    |                                                                                                                                             | Roof Cover ( <a href="#">Note 15B</a> )                                                                                              | MDP<br>(psf) |
|------------|------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                        |                                                                          | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                          | Density                                                                                                                                     |                                                                                                                                      |              |
| W-42.      | Min. 15/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination                           | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | <p>10 parts per 4x8 ft board</p>                         | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -37.5        |
| W-43.      | Min. 15/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination                           | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | 18 x 24-inch grid                                                                                                                           | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -37.5        |
| W-44.      | Min. 15/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination                           | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 18 x 24-inch grid                                                                                                                           | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -37.5        |
| W-45.      | Min. 19/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination                           | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | <p>12 parts per 4x8 ft board<br/>16 x 24-inch grid</p>  | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -45.0        |

**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                     | Insulation Layer<br>( <a href="#">Note 3</a> , <a href="#">Note 13</a> ) | Attachment                                                                                                                                                                                    |                                                        | Roof Cover ( <a href="#">Note 15B</a> )                                                                                              | MDP<br>(psf) |
|------------|------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                        |                                                                          | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                          | Density                                                |                                                                                                                                      |              |
| W-46.      | Min. 15/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination                           | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | <p>12 parts per 4x8 ft board<br/>16 x 24-inch grid</p> | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -45.0        |
| W-47.      | Min. 19/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination                           | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | <p>16 parts per 4x8 ft board<br/>12 x 24-inch grid</p> | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -45.0        |
| W-48.      | Min. 15/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination                           | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | <p>16 parts per 4x8 ft board<br/>12 x 24-inch grid</p> | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -45.0        |

**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>                                       | Insulation Layer<br><a href="#">(Note 3, Note 13)</a> | Attachment                                                                                                                                                                                    |                                                                                                                       | Roof Cover <a href="#">(Note 15B)</a>                                                                                                | MDP<br><a href="#">(psf)</a> |
|------------|------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|            |                                                                        |                                                       | Fastener <a href="#">(Note 11)</a>                                                                                                                                                            | Density                                                                                                               |                                                                                                                                      |                              |
| W-49.      | Min. 19/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | One or more layers, any combination, min. 1-inch      | Drill-Tec #14 Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                            | <p>10 parts per 4x8 ft board</p>   | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -45.0                        |
| W-50.      | Min. 23/32-inch APA rated OSB or 1-inch wood plank; 2 ft span          | (Optional) One or more layers, any combination        | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | <p>14 parts per 4x8 ft board</p>   | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -52.5                        |
| W-51.      | Min. 19/32-inch APA rated, CDX plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination        | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | <p>14 parts per 4x8 ft board</p>  | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -52.5                        |
| W-52.      | Min. 15/32-inch APA rated plywood or 1-inch wood plank; 2 ft span      | (Optional) One or more layers, any combination        | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                                    | 24 x 32-inch grid                                                                                                     | EverGuard PVC induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                      | -60.0                        |
| W-53.      | Code compliant sheathing over nominal No. 2 wood trusses; 2 ft span    | (Optional) One or more layers, any combination        | Drill-Tec #14 (min. 1-inch embedment into wood supports) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports                       | 9-inch o.c. along wood supports, 24-inch o.c.                                                                         | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -90.0                        |

**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                       | Insulation Layer <a href="#">(Note 3, Note 13)</a> | Attachment                                                                                                                                                                |                                               | Roof Cover <a href="#">(Note 15B)</a>                                                                                                | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|            |                                                                     |                                                    | Fastener <a href="#">(Note 11)</a>                                                                                                                                        | Density                                       |                                                                                                                                      |                           |
| W-54.      | Code compliant sheathing over nominal No. 2 wood trusses; 2 ft span | One or more layers, any combination, min. 1-inch   | Drill-Tec #14 (min. 1.4-inch embedment into wood supports) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports | 9-inch o.c. along wood supports, 24-inch o.c. | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -105.0                    |

**TABLE 1E: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

| System No.                                | Deck <a href="#">(Note 1)</a>                                                          | Insulation <a href="#">(Note 3, Note 13)</a>       |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15)</a> |                                                                                                                                                                                                       |                                                                                                |       | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|-------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------|----------------------------------------------|
|                                           |                                                                                        | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                             | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                    | Attachment                                                                                     |       |                                              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                                                                        |                                                    |                                 |                                                                              |                                      |                                                                                                                                                                                                       |                                                                                                |       |                                              |
| W-55.                                     | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span                                | One or more layers, any combination, min. 0.5-inch | Prelim. Attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate                                                         | 9-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 1.5-inch heat weld.  | -30.0 |                                              |
| W-56.                                     | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span                                | One or more layers, any combination, min. 0.5-inch | Prelim. Attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate                                                         | 6-inch o.c. within 5-inch wide laps spaced 76-inch o.c. and sealed with a 1.5-inch heat weld.  | -37.5 |                                              |
| W-57.                                     | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span                                | One or more layers, any combination, min. 0.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate                                                         | 8-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 1.5-inch heat weld.  | -45.0 |                                              |
| W-58.                                     | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span                                | One or more layers, any combination, min. 0.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate                                                         | 6-inch o.c. within 5-inch wide laps spaced 76-inch o.c. and sealed with a 1.5-inch heat weld.  | -45.0 |                                              |
| EVERGUARD PVC OR EVERGUARD PVC KEE:       |                                                                                        |                                                    |                                 |                                                                              |                                      |                                                                                                                                                                                                       |                                                                                                |       |                                              |
| W-59.                                     | Min. 15/32-inch APA rated OSB or APA rated CDX plywood or 1-inch wood plank; 2 ft span | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE   | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld. | -30.0 |                                              |

**TABLE 1F: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                                          | Separator Sheet (Optional)                                                                             | Roof Cover <a href="#">(Note 15)</a> |                                                                                                                                                                                                       |                                                                                                | MDP <a href="#">(psf)</a> |
|------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|
|            |                                                                                        |                                                                                                        | Membrane                             | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                    | Attachment                                                                                     |                           |
| W-60.      | Min. 15/32-inch APA rated OSB or APA rated CDX plywood or 1-inch wood plank; 2 ft span | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE   | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld. | -30.0                     |

**TABLE 1G: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                           | Base Sheet                                                                                                                                        |                                                                       |                                                                                                    | Roof Cover <a href="#">(Note 15)</a> |         | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|---------|---------------------------|
|            |                                                         | Base                                                                                                                                              | Fastener <a href="#">(Note 11)</a>                                    | Attach                                                                                             | Base                                 | Cap     |                           |
| W-61.      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | 32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails | 4-inch o.c. at min. 2-inch laps and 4-inch o.c. at four (4), equally spaced, staggered center rows | SBS-AA or SBS-TA                     | PVCF-HA | -97.5                     |

**TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                    | Base Insulation Layer                                                                |                             | Top Insulation Layer |                      | Roof Cover (Note 15) | MDP<br>(psf) |
|------------|-------------------------------------|--------------------------------------------------------------------------------------|-----------------------------|----------------------|----------------------|----------------------|--------------|
|            |                                     | Type                                                                                 | Attach (Notes 6,7,8)        | Type                 | Attach (Notes 6,7,8) |                      |              |
| S-1.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A                  | PVC2-QL              | -90.0        |
| S-2.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A                  | PVC1-QS or PVC2-QS   | -90.0        |
| S-3.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A                  | PVC1-BA or PVC1-BA-H | -120.0       |
| S-4.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A                  | PVC2-BA or PVC2-BA-H | -120.0       |
| S-5.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A                  | PVCF-WB              | -120.0       |
| S-6.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A                  | PVCF-OB              | -120.0       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                        |                                     |                                     | Top Insulation Layer                                                                               |                                         | Roof Cover<br><a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|---------------------------|
|                                                        |                                                                           | Type                                         | Fasten<br><a href="#">(Note 11)</a> | Attach<br><a href="#">(Note 17)</a> | Type                                                                                               | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                           |                                              |                                     |                                     |                                                                                                    |                                         |                                         |                           |
| S-7.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH | Note 2                              | 1 per 2.0 ft²                       | Additional layers of base insulation                                                               | hot asphalt                             | PVC1-BA or PVC1-BA-H                    | -45.0*                    |
| S-8.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH | Note 2                              | 1 per 4.0 ft²                       | Additional layers of base insulation                                                               | hot asphalt                             | PVC1-BA or PVC1-BA-H                    | -45.0*                    |
| S-9.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH | Note 2                              | 1 per 3.2 ft²                       | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVC1-BA or PVC1-BA-H                    | -37.5*                    |
| S-10.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH | Note 2                              | 1 per 2.0 ft²                       | Min. 0.25-inch thick DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board           | OB500                                   | PVC1-BA or PVC1-BA-H                    | -45.0*                    |
| S-11.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH    | Note 2                              | 1 per 4.0 ft²                       | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                 | OB500                                   | PVC1-BA or PVC1-BA-H                    | -45.0*                    |
| S-12.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                       | Note 2                              | 1 per 2.0 ft²                       | One or more layers, min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                   | OB500                                   | PVC1-BA or PVC1-BA-H                    | -45.0*                    |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-13.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-EnergyGuard RH                                                              | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -37.5*       |
| S-14.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-EnergyGuard RH                                                                | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -37.5*       |
| S-15.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-16.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-17.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-18.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-19.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-20.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-21.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                            | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                 | LRF-M or OB500                            | PVC1-BA or PVC1-BA-H                      | -52.5        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                                                                                              |                                       | Top Insulation Layer                                                                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-22.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                                                         | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-23.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                                                         | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-24.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                                                         | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-25.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-26.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-27.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-28.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                            | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                          | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -52.5        |
| S-29.      | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                     | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC1-BA                                   | -52.5        |
| S-30.      | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                     | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC1-BA                                   | -75.0        |
| S-31.      | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                     | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVC1-BA                                   | -157.5       |

**EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS:**

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                                                |                                     |                                     | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|            |                                                                           | Type                                                                                                 | Fasten<br><a href="#">(Note 11)</a> | Attach<br><a href="#">(Note 17)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-32.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation Polyiso Insulation | Note 2                              | 1 per 1.8 ft <sup>2</sup>           | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500             | PVC2-BA or PVC2-BA-H                    | -30.0                        |
| S-33.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA                                                                         | Note 2                              | 1 per 2.0 ft <sup>2</sup>           | Additional layers of base insulation                                                                                                                                                      | hot asphalt                             | PVC2-BA or PVC2-BA-H                    | -45.0*                       |
| S-34.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA                                                                           | Note 2                              | 1 per 4.0 ft <sup>2</sup>           | Additional layers of base insulation                                                                                                                                                      | hot asphalt                             | PVC2-BA or PVC2-BA-H                    | -45.0*                       |
| S-35.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                         | Note 2                              | 1 per 3.2 ft <sup>2</sup>           | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                   | PVC2-BA or PVC2-BA-H                    | -37.5*                       |
| S-36.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                                         | Note 2                              | 1 per 2.0 ft <sup>2</sup>           | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                          | PVC2-BA or PVC2-BA-H                    | -37.5*                       |
| S-37.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                                           | Note 2                              | 1 per 2.9 ft <sup>2</sup>           | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                          | PVC2-BA or PVC2-BA-H                    | -37.5*                       |
| S-38.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                              | 1 per 2.0 ft <sup>2</sup>           | Additional layers of base insulation                                                                                                                                                      | OB500                                   | PVC2-BA or PVC2-BA-H                    | -45.0*                       |
| S-39.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                                               | Note 2                              | 1 per 2.0 ft <sup>2</sup>           | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                  | OB500                                   | PVC2-BA or PVC2-BA-H                    | -45.0*                       |
| S-40.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                         | Note 2                              | 1 per 3.2 ft <sup>2</sup>           | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                   | PVC2-BA or PVC2-BA-H                    | -45.0*                       |
| S-41.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                         | Note 2                              | 1 per 2.0 ft <sup>2</sup>           | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                   | PVC2-BA or PVC2-BA-H                    | -45.0*                       |
| S-42.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                  | Note 2                              | 1 per 2.0 ft <sup>2</sup>           | Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                    | LRF-M or OB500                          | PVC2-BA or PVC2-BA-H                    | -45.0*                       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-43.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                     | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-44.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                         | OB500                                     | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-45.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                         | OB500                                     | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-46.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                             | OB500                                     | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-47.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                             | OB500                                     | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-48.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-49.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-50.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board  | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-51.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board  | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-52.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-53.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-54.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                            | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M or OB500                            | PVC2-BA or PVC2-BA-H                      | -52.5        |
| S-55.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                           | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-BA or PVC2-BA-H                      | -60.0        |
| S-56.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH           | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-BA or PVC2-BA-H                      | -60.0        |
| S-57.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                           | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -60.0        |
| S-58.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation      | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -30.0        |
| S-59.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-60.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-61.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-62.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                                                                                              |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                       |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-63.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-64.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-65.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -45.0*       |
| S-66.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -52.5        |
| S-67.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RH                                        | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -60.0        |
| S-68.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH        | Note 2                                                                                                       | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -60.0        |
| S-69.                                                                 | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC2-BA                                   | -52.5        |
| S-70.                                                                 | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC2-BA                                   | -75.0        |
| S-71.                                                                 | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVC2-BA                                   | -157.5       |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                     |                                                                                                              |                                       |                                                                                                                                                                                           |                                           |                                           |              |
| S-72.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation     | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVC2-QL                                   | -30.0        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-73.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC2-QL                                   | -45.0*       |
| S-74.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA                                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC2-QL                                   | -45.0*       |
| S-75.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                        | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                   | -37.5*       |
| S-76.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC2-QL                                   | -37.5*       |
| S-77.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC2-QL                                   | -37.5*       |
| S-78.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | OB500                                     | PVC2-QL                                   | -45.0*       |
| S-79.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                              | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC2-QL                                   | -45.0*       |
| S-80.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                   | -45.0*       |
| S-81.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                   | -45.0*       |
| S-82.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M or OB500                            | PVC2-QL                                   | -45.0*       |
| S-83.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M or OB500                            | PVC2-QL                                   | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-84.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC2-QL                                   | -45.0*       |
| S-85.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC2-QL                                   | -45.0*       |
| S-86.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M or OB500                            | PVC2-QL                                   | -52.5        |
| S-87.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                          | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-QL                                   | -60.0        |
| S-88.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH          | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-QL                                   | -60.0        |
| S-89.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                          | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M                                     | PVC2-QL                                   | -60.0        |
| S-90.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation     | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-QL                                   | -30.0        |
| S-91.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | LRF-XF                                    | PVC2-QL                                   | -45.0*       |
| S-92.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-XF                                    | PVC2-QL                                   | -45.0*       |
| S-93.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-XF                                    | PVC2-QL                                   | -45.0*       |
| S-94.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | PVC2-QL                                   | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                    | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                             |                                                                                                              |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-----------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                               |                                                                           | Type                                                                              | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-95.                                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | PVC2-QL                                   | -45.0*       |
| S-96.                                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                       | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-QL                                   | -45.0*       |
| S-97.                                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                         | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-QL                                   | -45.0*       |
| S-98.                                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                       | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                   | -52.5        |
| S-99.                                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RH                                      | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                   | -60.0        |
| S-100.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH      | Note 2                                                                                                       | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                   | -60.0        |
| S-101.                                        | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC2-QL                                   | -52.5        |
| S-102.                                        | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC2-QL                                   | -75.0        |
| S-103.                                        | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVC2-QL                                   | -157.5       |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                   |                                                                                                              |                                       |                                                                                                                                                                                           |                                           |                                           |              |
| S-104.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVC1-QS or PVC2-QS                        | -30.0        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-105.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-106.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA                                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-107.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                        | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                        | -37.5*       |
| S-108.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -37.5*       |
| S-109.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -37.5*       |
| S-110.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-111.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                              | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-112.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-113.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-114.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-115.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-116.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-117.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-118.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation     | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -30.0        |
| S-119.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers of base insulation                                                                                                                                                      | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-120.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-121.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-122.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-123.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-124.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-125.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-126.     | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC1-QS or PVC2-QS                        | -52.5        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                                                                                              |                                       | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                         |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-127.                                                                  | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                                                            | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVC1-QS or PVC2-QS                        | -75.0        |
| S-128.                                                                  | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                                                            | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVC1-QS or PVC2-QS                        | -157.5       |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                      |                                                                                                              |                                       |                                                                                                                                                                                                                                 |                                           |                                           |              |
| S-129.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                                                                                       | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                               | OB500                                     | PVCX-WB                                   | -37.5*       |
| S-130.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                 | OB500                                     | PVCX-WB                                   | -45.0*       |
| S-131.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                         | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                   | -37.5*       |
| S-132.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                           | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                   | -37.5*       |
| S-133.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-134.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-135.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-136.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-137.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-138.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-139.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-WB                                   | -45.0*       |
| S-140.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-WB                                   | -45.0*       |
| S-141.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional layers, min. 1.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-WB                                   | -45.0*       |
| S-142.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-WB                                   | -45.0*       |
| S-143.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-WB                                   | -45.0*       |
| S-144.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-WB                                   | -45.0*       |
| S-145.     | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime or EnergyGuard HD Polyiso Cover Board                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCX-WB                                   | -52.5        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                                                      |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-146.                                                                                               | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra            | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime or EnergyGuard HD Polyiso Cover Board                                                                                                                        | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCX-WB                                   | -75.0        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b>                      |                                                                           |                                                                                      |                                       |                                       |                                                                                                                                                                                           |                                           |                                           |              |
| S-147.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation      | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M, LRF-XF or OB500       | PVCF-HA                                   | -30.0        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                      |                                       |                                       |                                                                                                                                                                                           |                                           |                                           |              |
| S-148.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-149.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-150.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                   | -37.5*       |
| S-151.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-152.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-153.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-154.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH           | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVCF-WB                                   | -60.0        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-155.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-156.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-157.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-158.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-159.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                          | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-M                                     | PVCF-WB                                   | -60.0        |
| S-160.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVCF-WB                                   | -45.0*       |
| S-161.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVCF-WB                                   | -45.0*       |
| S-162.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH        | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-XF                                    | PVCF-WB                                   | -60.0        |
| S-163.     | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime or EnergyGuard HD Polyiso Cover Board                                                                        | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCF-WB                                   | -52.5        |
| S-164.     | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime or EnergyGuard HD Polyiso Cover Board                                                                        | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCF-WB                                   | -75.0        |

**EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:**

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-165.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -30.0*       |
| S-166.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM, 4-inch o.c.                      | -30.0*       |
| S-167.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -45.0*       |
| S-168.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                           | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -45.0*       |
| S-169.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -45.0*       |
| S-170.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 4-inch o.c.                      | -45.0*       |
| S-171.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -45.0*       |
| S-172.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 4-inch o.c.                      | -45.0*       |
| S-173.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0*       |
| S-174.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 12-inch o.c.                     | -45.0*       |
| S-175.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-176.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 12-inch o.c.                     | -45.0*       |
| S-177.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0*       |
| S-178.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 12-inch o.c.                     | -45.0*       |
| S-179.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0*       |
| S-180.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -45.0*       |
| S-181.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0*       |
| S-182.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -45.0*       |
| S-183.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0*       |
| S-184.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                             |                                                                                                              |                                       | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                                                      |                                                                           | Type                                                                              | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-185.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                        | Note 2                                                                                                       | 1 per 3.2 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -30.0*       |
| S-186.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                        | Note 2                                                                                                       | 1 per 3.2 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 4-inch o.c.                      | -30.0*       |
| S-187.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                      | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -45.0*       |
| S-188.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                        | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -45.0*       |
| S-189.                                                                                               | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                    | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCX-LM or PVCX-LO, 4-inch o.c.           | -52.5        |
| S-190.                                                                                               | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                    | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCX-LM or PVCX-LO, 4-inch o.c.           | -75.0        |
| S-191.                                                                                               | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                    | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVCX-LM or PVCX-LO, 4-inch o.c.           | -157.5       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                                                   |                                                                                                              |                                       |                                                                                                                                         |                                           |                                           |              |
| S-192.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                       | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -37.5*       |
| S-193.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                          | LRF-M or OB500                            | PVCF-LM, 12-inch o.c.                     | -37.5*       |
| S-194.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                            | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-195.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                     | LRF-M or OB500                            | PVCF-LM, 12-inch o.c.                     | -45.0*       |
| S-196.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0*       |
| S-197.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                   | LRF-M or OB500                            | PVCF-LM, 12-inch o.c.                     | -45.0*       |
| S-198.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                             | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -30.0*       |
| S-199.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                | LRF-M or OB500                            | PVCF-LM, 4-inch o.c.                      | -30.0*       |
| S-200.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -45.0*       |
| S-201.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-LM, 4-inch o.c.                      | -45.0*       |
| S-202.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -45.0*       |
| S-203.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-LM, 4-inch o.c.                      | -45.0*       |
| S-204.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH          | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -60.0        |
| S-205.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                             | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -37.5*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-206.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                | LRF-XF                                    | PVCF-LM, 12-inch o.c.                     | -37.5*       |
| S-207.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0*       |
| S-208.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                     | LRF-XF                                    | PVCF-LM, 12-inch o.c.                     | -45.0*       |
| S-209.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0*       |
| S-210.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                   | LRF-XF                                    | PVCF-LM, 12-inch o.c.                     | -45.0*       |
| S-211.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                             | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -30.0*       |
| S-212.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                | LRF-XF                                    | PVCF-LM, 4-inch o.c.                      | -30.0*       |
| S-213.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -45.0*       |
| S-214.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM, 4-inch o.c.                      | -45.0*       |
| S-215.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -45.0*       |
| S-216.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM, 4-inch o.c.                      | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                  | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                      |                                                                                                              |                                       | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|-------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|                                                             |                                                                           | Type                                                                       | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-217.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                                                                                       | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -60.0                          |
| S-218.                                                      | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra  | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                    | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCF-LM or PVCF-LO, 4-inch o.c.           | -52.5                          |
| S-219.                                                      | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra  | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                    | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCF-LM or PVCF-LO, 4-inch o.c.           | -75.0                          |
| S-220.                                                      | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra  | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                    | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVCF-LM or PVCF-LO, 4-inch o.c.           | -157.5                         |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                                            |                                                                                                              |                                       |                                                                                                                                         |                                           |                                           |                                |
| S-221.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                 | Note 2                                                                                                       | 1 per 3.2 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-OB                                   | -30.0*                         |
| S-222.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                               | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M or OB500                            | PVCX-OB                                   | -45.0*                         |
| S-223.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                 | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M or OB500                            | PVCX-OB                                   | -45.0*                         |
| S-224.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH               | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-OB                                   | -45.0*                         |
| S-225.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                 | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-OB                                   | -45.0*                         |
| S-226.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                  | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-M or OB500                            | PVCX-OB                                   | -52.5                          |
| S-227.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                               | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-OB                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                             |                                                                                                              |                                       | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                                          |                                                                           | Type                                                                              | Fasten<br>( <a href="#">Note 11</a> )                                                                        | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-228.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                        | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Additional layers, min. 0.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVCX-OB                                   | -45.0*       |
| S-229.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                      | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-OB                                   | -45.0*       |
| S-230.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                                                                                       | 1 per 2.9 ft <sup>2</sup>             | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-OB                                   | -45.0*       |
| S-231.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2                                                                                                       | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVCX-OB                                   | -52.5        |
| S-232.                                                                                   | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCX-OB                                   | -52.5        |
| S-233.                                                                                   | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCX-OB                                   | -75.0        |
| S-234.                                                                                   | Min. 22 ga., Type B, Grade 80 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra         | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                                                      | OB500, LRF-M or LRF-XF, 4-inch o.c.       | PVCX-OB                                   | -157.5       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                                                   |                                                                                                              |                                       |                                                                                                                                                                                           |                                           |                                           |              |
| S-235.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Note 2                                                                                                       | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVCF-XF or PVCF-OB                        | -30.0        |
| S-236.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                                                                                       | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -30.0*       |
| S-237.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                                                                                       | 1 per 3.2 ft <sup>2</sup>             | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                            | LRF-M or OB500                            | PVCF-XF                                   | -30.0*       |
| S-238.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                                                                                       | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -37.5*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-239.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                | LRF-M or OB500                            | PVCF-XF                                   | -37.5*       |
| S-240.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-241.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                     | LRF-M or OB500                            | PVCF-XF                                   | -45.0*       |
| S-242.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-243.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                   | LRF-M or OB500                            | PVCF-XF                                   | -45.0*       |
| S-244.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-245.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-XF                                   | -45.0*       |
| S-246.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-247.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-XF                                   | -45.0*       |
| S-248.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -52.5        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                             |                                     |                                     | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                                  |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|            |                                                                           | Type                                                                              | Fasten<br><a href="#">(Note 11)</a> | Attach<br><a href="#">(Note 17)</a> | Type                                                                                                                                                                                                                                                                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-249.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH        | Note 2                              | 1 per 1.3 ft <sup>2</sup>           | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                       | LRF-M or OB500                          | PVCF-XF or PVCF-OB                      | -60.0                        |
| S-250.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | Min. 2-inch EnergyGuard Polyiso Insulation                                        | Note 2                              | 1 per 1.8 ft <sup>2</sup>           | Min. 1.5-inch x max. 4x4 ft base insulation                                                                                                                                                                                                                                                                                                                           | OB500                                   | PVCF-OB                                 | -60.0                        |
| S-251.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | Min. 2-inch EnergyGuard Polyiso Insulation                                        | Note 2                              | 1 per 1.8 ft <sup>2</sup>           | Optional layers of min. 1.5-inch x max. 4x4 ft base insulation followed by min. 0.25-inch x max. 4x4 ft DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-OB                                 | -60.0                        |
| S-252.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | Min. 2-inch EnergyGuard Polyiso Insulation                                        | Note 2                              | 1 per 1.8 ft <sup>2</sup>           | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                            | OB500                                   | PVCF-OB                                 | -67.5                        |
| S-253.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Note 2                              | 1 per 1.8 ft <sup>2</sup>           | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                             | LRF-XF                                  | PVCF-XF or PVCF-OB                      | -30.0                        |
| S-254.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                              | 1 per 3.2 ft <sup>2</sup>           | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                     | LRF-XF                                  | PVCF-XF or PVCF-OB                      | -30.0*                       |
| S-255.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                              | 1 per 3.2 ft <sup>2</sup>           | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                                                                                                                        | LRF-XF                                  | PVCF-XF                                 | -30.0*                       |
| S-256.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 4.0 ft <sup>2</sup>           | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                     | LRF-XF                                  | PVCF-XF or PVCF-OB                      | -37.5*                       |
| S-257.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 4.0 ft <sup>2</sup>           | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                                                                                                                        | LRF-XF                                  | PVCF-XF                                 | -37.5*                       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                                       | Top Insulation Layer                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-258.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-259.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                     | LRF-XF                                    | PVCF-XF                                   | -45.0*       |
| S-260.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-261.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                   | LRF-XF                                    | PVCF-XF                                   | -45.0*       |
| S-262.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-263.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                   | -45.0*       |
| S-264.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*       |
| S-265.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                   | -45.0*       |
| S-266.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                           | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -52.5        |
| S-267.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH          | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -60.0        |
| S-268.     | Min. 22 ga., Type B, Grade 33 steel                                       | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra           | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board                                                          | OB500, LRF-M or LRF-XF, 6-inch o.c.       | PVCF-XF or PVCF-OB                        | -52.5        |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                    | Base Insulation Layer                                                     |                                                                                                              |                           | Top Insulation Layer                                                                                 |                                     | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|------------|-------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|--------------|
|            |                                     | Type                                                                      | Fasten<br>(Note 11)                                                                                          | Attach<br>(Note 17)       | Type                                                                                                 | Attach<br>(Notes 6,7,8)             |                         |              |
| S-269.     | Min. 22 ga., Type B, Grade 33 steel | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra | Note 2                                                                                                       | 1 per 1.6 ft <sup>2</sup> | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board | OB500, LRF-M or LRF-XF, 6-inch o.c. | PVCF-XF or PVCF-OB      | -75.0        |
| S-270.     | Min. 22 ga., Type B, Grade 80 steel | Min. 2 x 48 x 96-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra | Note 2 or Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate | 1 per 1.0 ft <sup>2</sup> | Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or EnergyGuard HD Polyiso Cover Board | OB500, LRF-M or LRF-XF, 4-inch o.c. | PVCF-XF or PVCF-OB      | -157.5       |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                                |                                     |                                     | Top Insulation Layer                                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> |         | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|---------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------|----------------------------------------------|
|                           |                                                                           | Type                                                                                 | Fasten<br><a href="#">(Note 11)</a> | Attach<br><a href="#">(Note 17)</a> | Type                                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply |                                              |
| ASPHALT-APPLIED BASE PLY: |                                                                           |                                                                                      |                                     |                                     |                                                                                                                                          |                                         |                                      |         |                                              |
| S-271.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 4.0 ft2                       | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | hot asphalt                             | SBS-AA                               | PVCF-HA | -37.5*                                       |
| S-272.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 2.7 ft2                       | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                                       |
| S-273.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                              | 1 per 2.0 ft2                       | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                                       |
| S-274.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                              | 1 per 2.0 ft²                       | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                                       |
| S-275.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA                                                          | Note 2                              | 1 per 4.0 ft²                       | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                                       |
| S-276.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                              | 1 per 4.0 ft2                       | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                                       |
| S-277.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                              | 1 per 4.0 ft²                       | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                                       |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                                         | Base Insulation Layer                                                                |                                       |                                       | Top Insulation Layer                                                                                                                                                                         |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                 | MDP<br>(psf) |
|------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------------------------------|--------------|
|            |                                                                                                            | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                         | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                         |              |
| S-278.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min 2-inch EnergyGuard RA                                                            | Note 2                                | 1 per 5.3 ft <sup>2</sup>             | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | hot asphalt                               | BP-AA or SBS-AA                        | PVCF-HA                                         | -45.0*       |
| S-279.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 2.2-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                             | hot asphalt                               | SBS-AA                                 | PVCF-HA                                         | -45.0*       |
| S-280.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 5.3 ft <sup>2</sup>             | Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Hot asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB | -45.0*       |
| S-281.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Optional additional layers base insulation followed by min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | SBS-AA                                 | PVCF-HA                                         | -60.0        |
| S-282.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                             | Hot asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB | -60.0        |
| S-283.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                           | Note 2                                | 1 per 1.45 ft <sup>2</sup>            | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                             | hot asphalt                               | SBS-AA                                 | PVCF-HA                                         | -67.5        |
| S-284.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 1.8 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | Hot asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB | -67.5        |
| S-285.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra                      | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | Hot Asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB | -75.0        |
| S-286.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra                      | Note 2                                | 1 per 1.45 ft <sup>2</sup>            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | Hot Asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB | -82.5        |
| S-287.     | Min. 22 ga., Type B, Grade 40 or min. 20 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra                      | Note 2                                | 1 per 1.45 ft <sup>2</sup>            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | Hot Asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB | -90.0        |
| S-288.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                  | Min 1.5-inch EnergyGuard RA                                                          | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                   | OB500                                     | BP-AA or SBS-AA                        | PVCF-HA                                         | -45.0*       |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                              |                                       |                                       | Top Insulation Layer                                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                    | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------|--------------|
|            |                                                                           | Type                                                                               | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                            |              |
| S-289.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*       |
| S-290.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*       |
| S-291.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA                                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*       |
| S-292.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*       |
| S-293.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH       | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                          | OB500                                     | SBS-AA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0        |
| S-294.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                         | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -60.0        |
| S-295.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                         | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                          | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -60.0        |
| S-296.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional layers of base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                         | LRF-XF                                    | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*       |
| S-297.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                         | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*       |
| S-298.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA                                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*       |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                        |                                       |                                       | Top Insulation Layer                                                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>(psf) |
|--------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------|
|                                |                                                                           | Type                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |              |
| S-299.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*       |
| S-300.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | LRF-XF                                    | SBS-AA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-301.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                           | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -60.0        |
| S-302.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -60.0        |
| <b>TORCH-APPLIED BASE PLY:</b> |                                                                           |                                                                              |                                       |                                       |                                                                                                                            |                                           |                                        |                                                                             |              |
| S-303.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*       |
| S-304.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*       |
| S-305.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | OB500                                     | SBS-AA or SBS-TA                       | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-306.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                           | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| S-307.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                        |                                       |                                       | Top Insulation Layer                                                                                             |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>(psf) |
|--------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------|
|                                |                                                                           | Type                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |              |
| S-308.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*       |
| S-309.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 4.0 ft <sup>2</sup>             | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*       |
| S-310.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | SBS-AA or SBS-TA                       | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-311.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup>             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                 | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| S-312.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.6 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| <b>SELF-ADHERING BASE PLY:</b> |                                                                           |                                                                              |                                       |                                       |                                                                                                                  |                                           |                                        |                                                                             |              |
| S-313.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                     | SBS-SA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-314.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 1.3 ft <sup>2</sup>             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | SBS-SA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> )                                                                                                                                                                                 | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                                                                           |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach<br>( <a href="#">Note 17</a> ) |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                                                                    |                                     |                                                             |                                                                                |                                       |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                           |              |
| S-315.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft²                         | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                                                                                                                                                                                                                                                                                                                                                       | OB500                                     | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-316.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft²                         | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                                                                                                             | OB500                                     | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-317.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft²                         | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                                                                                           | OB500                                     | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-318.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft²                         | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                                                           | OB500                                     | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-319.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft²                         | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                    | PVC1-BA or PVC1-BA-H                      | -45.0*       |
| S-320.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft²                         | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                    | PVC1-BA or PVC1-BA-H                      | -67.5        |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS: |                                     |                                                             |                                                                                |                                       |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                           |              |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier<br>(Note 15)                                                                                                                                                                                                   | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|--------------|
|            |                                     | Type                                                        | Fasten (Note 11)                                                      | Attach<br>(Note 17)       |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Attach<br>(Notes 6,7,8) |                         |              |
| S-321.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | VB-SBS-SA                                                                                                                                                                                                                    | One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                       | OB500                   | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-322.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck                                    | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | VB-BP2-AA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | hot asphalt or OB500    | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-323.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500          | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-324.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                  | LRF-XF                  | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-325.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                   | LRF-M, LRF-XF or OB500  | PVC2-BA or PVC2-BA-H    | -67.5        |

**EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:**

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                    | Deck<br>(Note 1)                    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier<br>(Note 15)                                                                                                                                                                                                   | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                         | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-----------------------------------------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|--------------|
|                                               |                                     | Type                                                        | Fasten (Note 11)                                                      | Attach<br>(Note 17)       |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br>(Notes 6,7,8) |                         |              |
| S-326.                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | VB-SBS-SA                                                                                                                                                                                                                    | One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                             | OB500                   | PVC2-QL                 | -45.0*       |
| S-327.                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck                                    | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | VB-BP2-AA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                      | hot asphalt or OB500    | PVC2-QL                 | -45.0*       |
| S-328.                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500  | PVC2-QL                 | -45.0*       |
| S-329.                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation            | LRF-M, LRF-XF or OB500  | PVC2-QL                 | -60.0        |
| S-330.                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                                                           | LRF-M, LRF-XF or OB500  | PVC2-QL                 | -67.5        |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                     |                                                             |                                                                       |                           |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                         |              |
| S-331.                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | VB-SBS-SA                                                                                                                                                                                                                    | One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, min. 0.25-inch DensDeck Prime and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                 | OB500                   | PVC1-QS or PVC2-QS      | -45.0*       |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                       | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> )                                                                                                                                                                                 | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                           |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|--------------------------------------------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                  |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach<br>( <a href="#">Note 17</a> ) |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-332.                                           | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck                                    | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup>             | VB-BP2-AA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                  | hot asphalt or OB500                      | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-333.                                           | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-334.                                           | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation            | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -60.0        |
| S-335.                                           | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                       | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -67.5        |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                                     |                                                             |                                                                                |                                       |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                           |              |
| S-336.                                           | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                                                                                                                                                                                                                                                                                  | OB500                                     | PVCX-WB                                   | -45.0*       |
| S-337.                                           | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                    | OB500                                     | PVCX-WB                                   | -45.0*       |
| S-338.                                           | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | OB500                                     | PVCX-WB                                   | -45.0*       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier<br>(Note 15)                                                                                                                                                                                                   | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                         | Roof Cover<br>(Note 15)                                   | MDP<br>(psf) |
|------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------|--------------|
|            |                                     | Type                                                        | Fasten (Note 11)                                                      | Attach<br>(Note 17)       |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br>(Notes 6,7,8) |                                                           |              |
| S-339.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500  | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-340.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500  | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| S-341.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                              | LRF-M, LRF-XF or OB500  | PVCX-OB                                                   | -45.0*       |
| S-342.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                                                         | LRF-M, LRF-XF or OB500  | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)          | -60.0        |
| S-343.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500  | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)          | -60.0        |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                                                                |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> )                                                                                                                                              | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> )              | MDP<br>(psf) |
|-------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------|--------------|
|                                                                               |                                     | Type                                                               | Fasten ( <a href="#">Note 11</a> )                                             | Attach<br>( <a href="#">Note 17</a> ) |                                                                                                                                                                                           | Type                                                                                                                                                                                                                                                                                                                                                                                   | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                        |              |
| S-344.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | LRF-M, LRF-XF or OB500                    | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) PVCX-OB | -67.5        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                     |                                                                    |                                                                                |                                       |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                                        |              |
| S-345.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup>             | VB-BP2-AA or VB-SBS-AA                                                                                                                                                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA followed by optional min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | PVCF-HA                                                | -45.0*       |
| S-346.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                 | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                                                                                                                                                                                                                                     | OB500                                     | PVCF-WB                                                | -45.0*       |
| S-347.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                 | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                       | OB500                                     | PVCF-WB                                                | -45.0*       |
| S-348.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                 | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                                                                                                                                                                                                                                     | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                       | -45.0*       |
| S-349.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                 | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                         | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                       | -45.0*       |
| S-350.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                 | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                          | OB500                                     | PVCF-LM, 12-inch o.c.                                  | -45.0*       |
| S-351.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup>             | VB-SBS-SA                                                                                                                                                                                 | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH followed by min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                           | OB500                                     | PVCF-LO, 12-inch o.c.                                  | -45.0*       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier<br>(Note 15)                                                                                                                                                                                                   | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                         | Roof Cover<br>(Note 15)                                            | MDP<br>(psf) |
|------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------|--------------|
|            |                                     | Type                                                        | Fasten (Note 11)                                                      | Attach<br>(Note 17)       |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br>(Notes 6,7,8) |                                                                    |              |
| S-352.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                              | LRF-M, LRF-XF or OB500  | PVCF-WB                                                            | -45.0*       |
| S-353.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500  | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-354.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500  | PVCF-LM (12-inch o.c.) or PVCF-XF                                  | -45.0*       |
| S-355.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500  | PVCF-WB                                                            | -52.5        |
| S-356.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                     | LRF-M, LRF-XF or OB500  | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                     | -52.5        |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> )                                                                                                                                              | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                           |                                           | Roof Cover<br>( <a href="#">Note 15</a> )        | MDP<br>(psf) |
|------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|--------------|
|            |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach<br>( <a href="#">Note 17</a> ) |                                                                                                                                                                                           | Type                                                                                                                                                                                                                                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |              |
| S-357.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                    | PVCF-XF                                          | -52.5        |
| S-358.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                     | LRF-M, LRF-XF or OB500                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0        |
| S-359.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-M, LRF-XF or OB500                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0        |
| S-360.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                       | LRF-M, LRF-XF or OB500                    | PVCF-XF or PVCF-OB                               | -60.0        |
| S-361.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M, LRF-XF or OB500                    | PVCF-WB                                          | -67.5        |
| S-362.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation                                                                                                                                                                                                                                             | LRF-M, LRF-XF or OB500                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -67.5        |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> )                                                                                                                                              | Insulation Layer(s)                                                                                                                                                                                                                 |                                           | Roof Cover<br>( <a href="#">Note 15</a> )      | MDP<br>(psf) |
|------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|--------------|
|            |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach<br>( <a href="#">Note 17</a> ) |                                                                                                                                                                                           | Type                                                                                                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                |              |
| S-363.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -67.5        |
| S-364.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | PVCF-XF                                        | -67.5        |

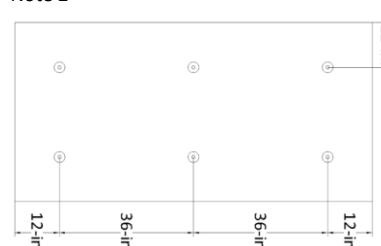
**TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No.                | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                       |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> ) | Insulation Layer(s)                                                                                                                                                              |                                           | Roof Cover ( <a href="#">Note 15</a> )                                           |                                  | MDP<br>( <a href="#">psf</a> ) |
|---------------------------|-------------------------------------|--------------------------------------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|--------------------------------|
|                           |                                     | Type                                                               | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) |                                              | Type                                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                                                                         | Cap Ply                          |                                |
| ASPHALT-APPLIED BASE PLY: |                                     |                                                                    |                                       |                                       |                                              |                                                                                                                                                                                  |                                           |                                                                                  |                                  |                                |
| S-365.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft²                         | VB-BP2-AA or VB-SBS-AA                       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | SBS-AA                                                                           | PVCF-HA                          | -45.0*                         |
| S-366.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft²                         | VB-BP2-AA or VB-SBS-AA                       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                                                                               | hot asphalt                               | GAFGLAS Stratavent Perforated Venting Base Sheet / loose laid followed by SBS-AA | PVCF-HA                          | -45.0*                         |
| TORCH-APPLIED BASE PLY:   |                                     |                                                                    |                                       |                                       |                                              |                                                                                                                                                                                  |                                           |                                                                                  |                                  |                                |
| S-367.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft²                         | VB-SBS-TA                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | SBS-TA                                                                           | PVCF-LM or PVCF-LO, 12-inch o.c. | -45.0*                         |

**TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                                                                |                                       | Vapor Barrier<br>( <a href="#">Note 15</a> )                                                                                                                                                                                 | Insulation Layer(s)                                                                                                                                                                                                                                   |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                    | MDP<br>( <a href="#">psf</a> ) |
|------------|-------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------|--------------------------------|
|            |                                     | Type                                                               | Fasten<br>( <a href="#">Note 11</a> )                                          | Attach<br>( <a href="#">Note 17</a> ) |                                                                                                                                                                                                                              | Type                                                                                                                                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                            |                                |
| S-368.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup>             | VB-SBS-TA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                    | LRF-XF                                    | SBS-TA                                 | PVCF-LM or PVCF-LO, 12-inch o.c.                                   | -45.0*                         |
| S-369.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup>             | VB-SBS-TA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                      | LRF-M or OB500                            | SBS-TA                                 | PVCF-XF or PVCF-OB                                                 | -45.0*                         |
| S-370.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup>             | VB-SBS-TA                                                                                                                                                                                                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                    | LRF-XF                                    | SBS-TA                                 | PVCF-XF or PVCF-OB                                                 | -45.0*                         |
| S-371.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | SBS-TA                                 | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                         |
| S-372.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | SBS-TA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) or PVCF-XF        | -60.0                          |
| S-373.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup>             | Unprimed substrate followed by GAF SA Vapor Retarder XL or GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | SBS-TA                                 | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) or PVCF-XF          | -67.5                          |

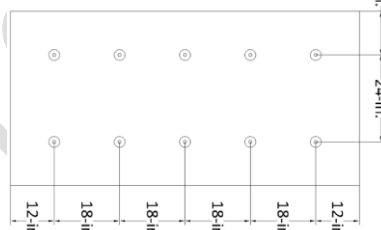
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                        |                                                                           |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                           |                                                         |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                         |                                  |                                      |                           |
| S-374.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft²                    | PVC1-BA or PVC1-BA-H                 | -30.0*                    |
| S-375.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2; 6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                              | 1 per 5.3 ft²                    | PVC1-BA or PVC1-BA-H                 | -30.0*                    |
| S-376.                                                 | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft²                    | PVC1-BA                              | -30.0*                    |
| S-377.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2<br>                                                                                                                                                                                                                                                          | 1 per 5.3 ft²                    | PVC1-BA or PVC1-BA-H                 | -30.0*                    |
| S-378.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft²                    | PVC1-BA or PVC1-BA-H                 | -37.5*                    |
| S-379.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft²                    | PVC1-BA or PVC1-BA-H                 | -37.5*                    |
| S-380.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft²                    | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-381.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft²                    | PVC1-BA or PVC1-BA-H                 | -45.0*                    |

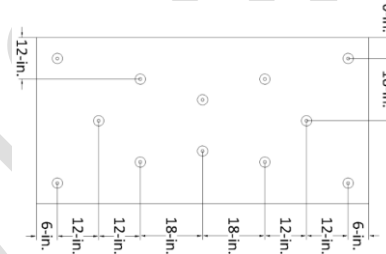
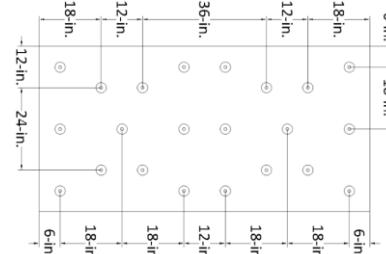
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-382.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-383.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2; 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                              | 1 per 4.0 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-384.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.3 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0                     |
| S-385.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-386.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.5-inch DensDeck Prime                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-387.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.625-inch DensDeck Prime                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-388.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 3.2 ft <sup>2</sup>        | PVC1-BA                              | -45.0*                    |
| S-389.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch DEXcell FA Glass Mat Roof Board                                                                                                                    | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVC1-BA                              | -45.0*                    |
| S-390.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -45.0*                    |

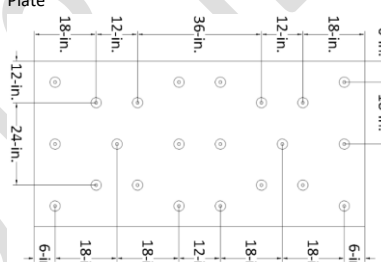
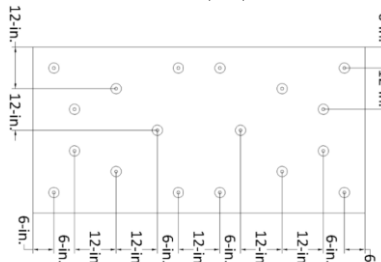
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>     | Top Insulation Layer                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                             | Type                                                                                                                                                                               | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-391.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                        | Note 2<br>                                                                                                                                                                                                                                                                                                                                                | 1 per 3.2 ft²                    | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-392.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                  | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft²                    | PVC1-BA or PVC1-BA-H                 | -45.0*                    |
| S-393.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                     | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²                    | PVC1-BA or PVC1-BA-H                 | -60.0                     |
| S-394.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard RH                                                                                                                                                         | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²                    | PVC1-BA or PVC1-BA-H                 | -67.5                     |
| S-395.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch DensDeck Prime                                                                                                                                                       | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate                                                                                                                                                                                                                | 1 per 2.0 ft²                    | PVC1-BA or PVC1-BA-H                 | -67.5                     |
| S-396.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate                                                                                                                                                                                                                                                                             | 1 per 2.0 ft²                    | PVC1-BA or PVC1-BA-H                 | -67.5                     |
| S-397.     | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft²                   | PVC1-BA or PVC1-BA-H                 | -82.5                     |

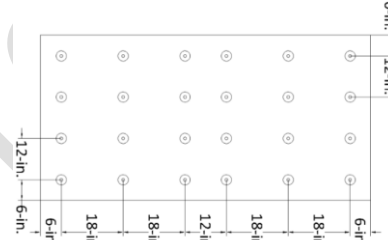
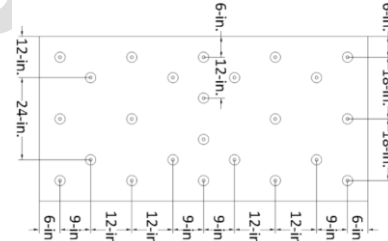
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>          | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                  |                                                                                                                                                                                                                                                                                                                       |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|----------------------------------------|---------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                        |                                                         | Type                                  | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                      | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-398.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                      | 1 per 2.7 ft²                    | PVC1-BA or PVC1-BA-H                 | -82.5                     |
| S-399.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                                                                                                                                                                             | 1 per 2.7 ft²                    | PVC1-BA or PVC1-BA-H                 | -82.5                     |
| S-400.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch DensDeck Prime          | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate<br> | 1 per 1.45 ft²                   | PVC1-BA or PVC1-BA-H                 | -82.5                     |

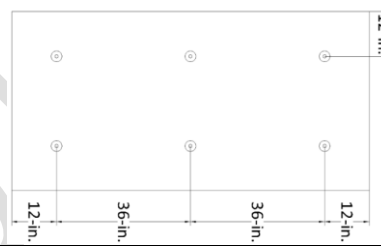
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>                            | Top Insulation Layer                           |                                                                                                                                                                                                                                                                                                                                                                                                               |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                                                    | Type                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                              | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-401.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch                                 | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate<br>                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVC1-BA or PVC1-BA-H                 | -82.5                     |
| S-402.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                                                                                                                                                                                                                                                                     | 1 per 1.8 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -97.5                     |
| S-403.     | Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.5-inch DensDeck Prime                   | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -127.5                    |
| S-404.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                            | 1 per 1.8 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -127.5                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                       | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                                                                                  |                                                                           |                                                         | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-405.                                                                                                                           | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                        | 1 per 1.3 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -135.0                    |
| S-406.                                                                                                                           | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                        | 1 per 1.3 ft <sup>2</sup>        | PVC1-BA or PVC1-BA-H                 | -142.5                    |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS:</b> |                                                                           |                                                         |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                         |                                  |                                      |                           |
| S-407.                                                                                                                           | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 5.3 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -30.0*                    |
| S-408.                                                                                                                           | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2; 6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                              | 1 per 5.3 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -30.0*                    |
| S-409.                                                                                                                           | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -30.0*                    |
| S-410.                                                                                                                           | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVC2-BA                              | -30.0*                    |

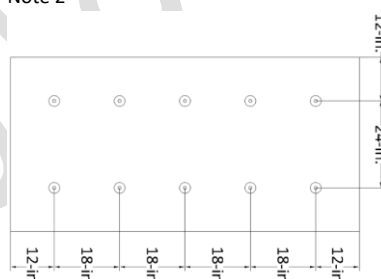
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                 |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                                                                               | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-411.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -30.0*                    |
| S-412.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                        | Note 2<br>                                                                                                                                                                                                                                   | 1 per 5.3 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -30.0*                    |
| S-413.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                          | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -30.0*                    |
| S-414.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -37.5*                    |
| S-415.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                        | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -37.5*                    |
| S-416.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -37.5*                    |
| S-417.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                                                                     | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -37.5*                    |
| S-418.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 4.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-419.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-420.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.5-inch DensDeck Prime                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-421.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.3 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0                     |
| S-422.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2; 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                              | 1 per 4.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-423.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                                                                                                                                                                                                                                | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-424.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                                                                                                                                                                                                                                     | 1 per 2.1 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-425.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 3.2 ft <sup>2</sup>        | PVC2-BA                              | -45.0*                    |
| S-426.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch DEXcell FA Glass Mat Roof Board                                                                                                                    | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVC2-BA                              | -45.0*                    |
| S-427.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.375-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                         | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |

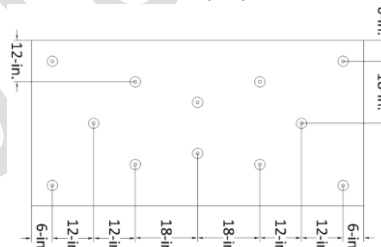
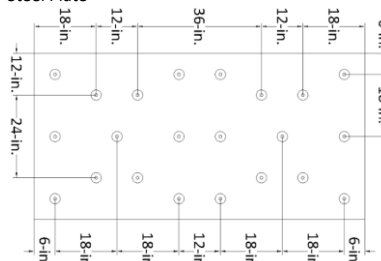
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                 |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                                                                                                                | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-428.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-429.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                         | Note 2<br>                                                                                                                                                                                                                                   | 1 per 3.2 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-430.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                         | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -45.0*                    |
| S-431.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -52.5                     |
| S-432.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -52.5                     |
| S-433.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                                                                                                      | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.3 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -52.5                     |
| S-434.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                         | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.45 ft <sup>2</sup>       | PVC2-BA or PVC2-BA-H                 | -52.5                     |
| S-435.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                      | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -60.0                     |

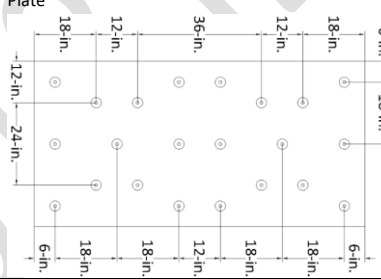
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>     | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                             | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-436.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                   | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                                                              | 1 per 1.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -60.0                     |
| S-437.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -67.5                     |
| S-438.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                 | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.3 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -67.5                     |
| S-439.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch Structodek High Density Roof Fiberboard                                                                                                                            | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.0 ft <sup>2</sup>        | PVC2-BA                              | -67.5                     |
| S-440.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate                                                                                                                                                                                                                | 1 per 2.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -67.5                     |
| S-441.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate                                                                                                                                                                                                                                                                             | 1 per 2.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -67.5                     |
| S-442.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.25-inch DensDeck Prime                                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVC2-BA or PVC2-BA-H                 | -75.0                     |
| S-443.     | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft <sup>2</sup>       | PVC2-BA or PVC2-BA-H                 | -82.5                     |

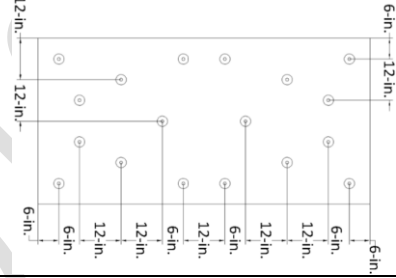
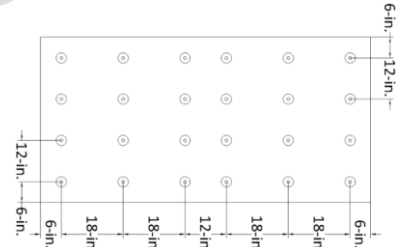
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                          |                                                                                                                                                                                                                                                                                                                                 |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                          | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-444.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.45 ft <sup>2</sup>       | PVC2-BA or PVC2-BA-H                 | -82.5                     |
| S-445.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -82.5                     |
| S-446.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                                                                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -82.5                     |
| S-447.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch DensDeck Prime                                  | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate<br>          | 1 per 1.45 ft <sup>2</sup>       | PVC2-BA or PVC2-BA-H                 | -82.5                     |

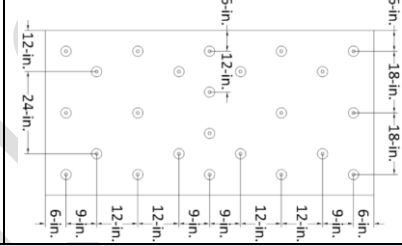
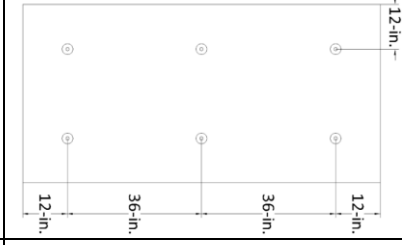
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>                            | Top Insulation Layer                                          |                                                                                                                                                                                                                                                                                                                                                                                                               |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                                                    | Type                                                          | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                              | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-448.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch                                 | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate<br>                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVC2-BA or PVC2-BA-H                 | -82.5                     |
| S-449.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch                                 | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                | Note 2                                                                                                                                                                                                                                                                                                                                                                                                        | 1 per 1.0 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -90.0                     |
| S-450.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                                                                                                                                                                                                                                                                     | 1 per 1.8 ft <sup>2</sup>        | PVC2-BA or PVC2-BA-H                 | -97.5                     |
| S-451.     | Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.5-inch DensDeck Prime                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft <sup>2</sup>        | EverGuard PVC / #2331                | -127.5                    |
| S-452.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 2-inch                                   | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                               | 1 per 1.0 ft <sup>2</sup>        | EverGuard PVC / #2331                | -127.5                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                          |                                                                                                                                                                                                                                                                                                                                 |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                          | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-453.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                | 1 per 1.8 ft <sup>2</sup>        | PVC2-BA                              | -127.5                    |
| S-454.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                               | 1 per 1.3 ft <sup>2</sup>        | PVC2-BA                              | -135.0                    |
| S-455.     | Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft <sup>2</sup>        | EverGuard PVC / #2331                | -142.5                    |

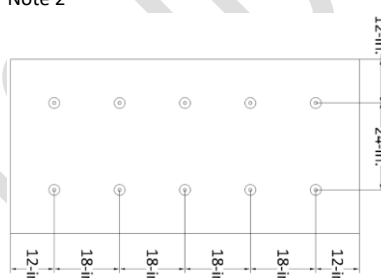
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                  |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                       |                                                                           |                                                         | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                 | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-456.                                                                | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft²                    | PVC2-BA                              | -142.5                    |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                         |                                                                                                                                                                                  |                                                                                                                                                                  |                                  |                                      |                           |
| S-457.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                     | 1 per 5.3 ft²                    | PVC2-QL                              | -30.0*                    |
| S-458.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                | Note 2                                                                                                                                                           | 1 per 4.0 ft²                    | PVC2-QL                              | -30.0*                    |
| S-459.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA                                                                                                                                                     | Note 2                                                                                                                                                           | 1 per 3.2 ft²                    | PVC2-QL                              | -30.0*                    |
| S-460.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2<br>                                                                  | 1 per 5.3 ft²                    | PVC2-QL                              | -30.0*                    |
| S-461.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                                           | 1 per 3.2 ft²                    | PVC2-QL                              | -30.0*                    |
| S-462.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA | Note 2                                                                                                                                                           | 1 per 2.7 ft²                    | PVC2-QL                              | -37.5*                    |

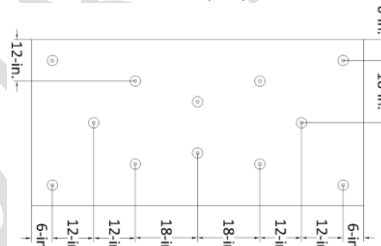
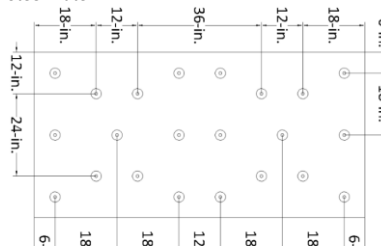
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                                                                                                  |                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                                                                                                  | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-463.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                           | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVC2-QL                              | -37.5*                    |
| S-464.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                       | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVC2-QL                              | -37.5*                    |
| S-465.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                      | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |
| S-466.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |
| S-467.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.5-inch DensDeck Prime                                                                                                                                                                                                                          | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |
| S-468.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                      | Note 2                                                                                                                                       | 1 per 2.3 ft <sup>2</sup>        | PVC2-QL                              | -45.0                     |
| S-469.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                        | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |
| S-470.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                         | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                     | 1 per 2.7 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |
| S-471.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                         | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                          | 1 per 2.1 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |
| S-472.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, , EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>        | PVC2-QL                              | -45.0*                    |

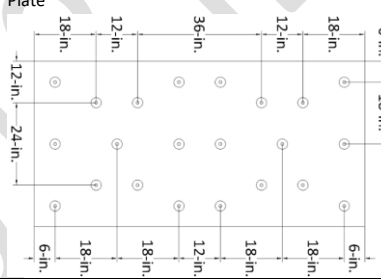
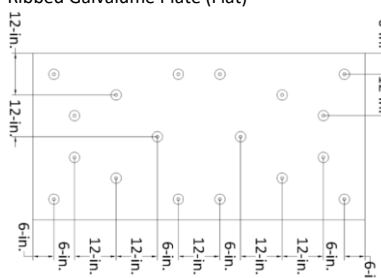
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>     | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                             | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-473.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2<br>                                                                                                                                                                                                                                                                                                                                                | 1 per 3.2 ft²                    | PVC2-QL                              | -45.0*                    |
| S-474.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                         | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft²                    | PVC2-QL                              | -45.0*                    |
| S-475.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²                    | PVC2-QL                              | -52.5                     |
| S-476.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board                                                            | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft²                   | PVC2-QL                              | -60.0                     |
| S-477.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²                    | PVC2-QL                              | -67.5                     |
| S-478.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate                                                                                                                                                                                                                | 1 per 2.0 ft²                    | PVC2-QL                              | -67.5                     |
| S-479.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate                                                                                                                                                                                                                                                                             | 1 per 2.0 ft²                    | PVC2-QL                              | -67.5                     |
| S-480.     | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft²                   | PVC2-QL                              | -82.5                     |

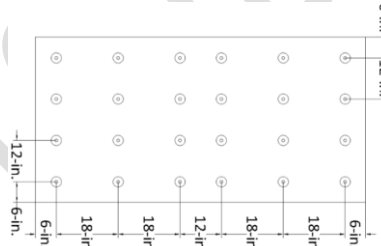
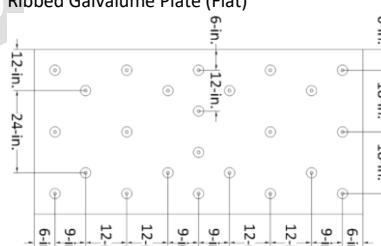
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                      | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-481.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                | 1 per 1.45 ft <sup>2</sup>       | PVC2-QL                              | -82.5                     |
| S-482.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                      | 1 per 2.7 ft <sup>2</sup>        | PVC2-QL                              | -82.5                     |
| S-483.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                                                                                                                                                                             | 1 per 2.7 ft <sup>2</sup>        | PVC2-QL                              | -82.5                     |
| S-484.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch DensDeck Prime                                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate<br> | 1 per 1.45 ft <sup>2</sup>       | PVC2-QL                              | -82.5                     |

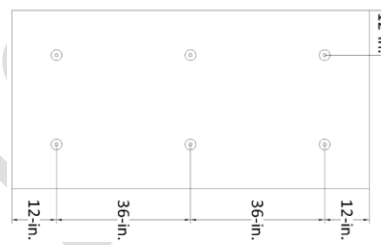
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-485.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate<br> | 1 per 1.45 ft²                   | PVC2-QL                              | -82.5                     |
| S-486.     | Min. 22 ga., Type B, Grade 40 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                  | 1 per 1.45 ft²                   | PVC2-QL                              | -90.0                     |
| S-487.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                                                                                                               | 1 per 1.8 ft²                    | PVC2-QL                              | -97.5                     |
| S-488.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                       | 1 per 1.8 ft²                    | PVC2-QL                              | -127.5                    |

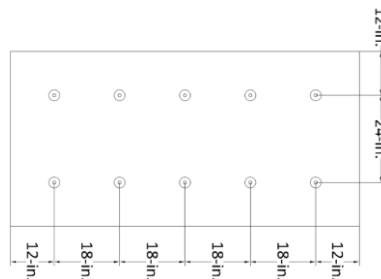
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                    | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-----------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                               |                                                                           |                                                         | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-489.                                        | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                        | 1 per 1.3 ft <sup>2</sup>        | PVC2-QL                              | -135.0                    |
| S-490.                                        | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                        | 1 per 1.3 ft <sup>2</sup>        | PVC2-QL                              | -142.5                    |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                         |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                         |                                  |                                      |                           |
| S-491.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2; 6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                              | 1 per 5.3 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-492.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DensDeck Prime                                                                                                                                  | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-493.                                        | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-494.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -30.0*                    |

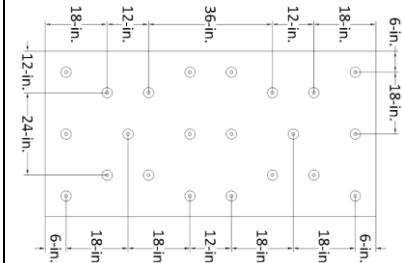
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                             |                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-495.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2<br>                                                | 1 per 5.3 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-496.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-497.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -37.5*                    |
| S-498.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -37.5*                    |
| S-499.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime                                                                                                                     | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-500.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                 | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-501.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-502.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2                                                                                                                                       | 1 per 2.3 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0                     |
| S-503.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-504.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                     | 1 per 2.7 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

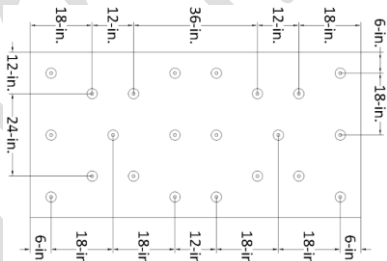
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                                                              | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-505.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                     | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                                                                                                                                                                                                                                     | 1 per 2.1 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-506.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                    | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 3.2 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-507.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-508.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, , EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA, Min. 0.25-inch DensDeck Prime | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-509.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                       | Note 2<br>                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-510.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-511.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 1.8 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -52.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

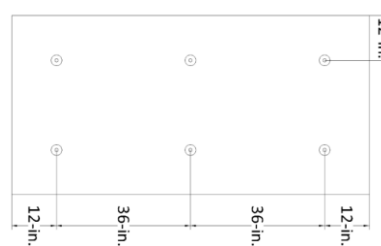
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>     | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                             | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-512.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                         | Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVC1-QS or PVC2-QS                   | -60.0                     |
| S-513.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -67.5                     |
| S-514.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate                                                                                                                                                                                                                | 1 per 2.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -67.5                     |
| S-515.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate                                                                                                                                                                                                                                                                             | 1 per 2.0 ft <sup>2</sup>        | PVC1-QS or PVC2-QS                   | -67.5                     |
| S-516.     | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft <sup>2</sup>       | PVC1-QS or PVC2-QS                   | -82.5                     |
| S-517.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVC1-QS or PVC2-QS                   | -82.5                     |
| S-518.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Steel Plate<br>                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVC1-QS or PVC2-QS                   | -82.5                     |



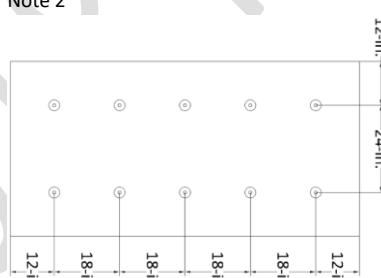
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                      | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer<br><a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                         |                                     | Roof Cover<br><a href="#">(Note 15)</a> | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------|----------------------------------------------|
|                                                                                 |                                                                           |                                                            | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                        | Attach<br><a href="#">(Note 17)</a> |                                         |                                              |
| S-519.                                                                          | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1.5-inch         | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #12 DF Fastener or Drill-Tec #12 DP Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate Flat or Drill-Tec 3" Flat Steel Plate<br> | 1 per 1.45 ft <sup>2</sup>          | PVC1-QS or PVC2-QS                      | -82.5                                        |
| S-520.                                                                          | Min. 22 ga., Type B, Grade 40 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                  | 1 per 1.45 ft <sup>2</sup>          | PVC1-QS or PVC2-QS                      | -90.0                                        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b> |                                                                           |                                                            |                                                                                                                                                                |                                                                                                                                                                                                                                                         |                                     |                                         |                                              |
| S-521.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                                                                                                                                  | 1 per 5.3 ft <sup>2</sup>           | PVCF-HA                                 | -30.0*                                       |
| S-522.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                        | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>           | PVCF-HA                                 | -30.0*                                       |
| S-523.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>           | PVCF-HA                                 | -30.0*                                       |
| S-524.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                        | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2                                                                                                                                                                                                                                                  | 1 per 2.7 ft <sup>2</sup>           | PVCF-HA                                 | -37.5*                                       |
| S-525.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>           | PVCF-HA                                 | -45.0*                                       |
| S-526.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | Note 2                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>           | PVCF-HA                                 | -45.0*                                       |
| S-527.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>           | PVCF-HA                                 | -45.0*                                       |

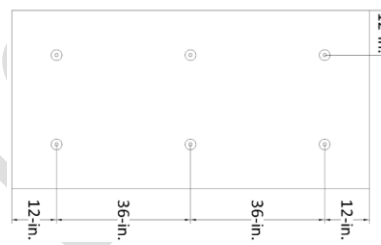
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                                      |                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                         |                                                                           |                                                         | Type                                                                                                                                                                                      | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-528.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | Note 2                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>        | PVCF-HA                              | -45.0*                    |
| S-529.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                            | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVCF-HA                              | -52.5                     |
| S-530.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | PVCF-HA                              | -52.5                     |
| S-531.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH            | Note 2                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>        | PVCF-HA                              | -67.5                     |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                         |                                                                                                                                                                                           |                                                                                                                                              |                                  |                                      |                           |
| S-532.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                            | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 5.3 ft <sup>2</sup>        | PVCX-WB                              | -30.0*                    |
| S-533.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | Note 2<br>                                               | 1 per 5.3 ft <sup>2</sup>        | PVCX-WB                              | -30.0*                    |
| S-534.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                          | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVCX-WB                              | -37.5*                    |
| S-535.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                          | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>        | PVCX-WB                              | -45.0*                    |

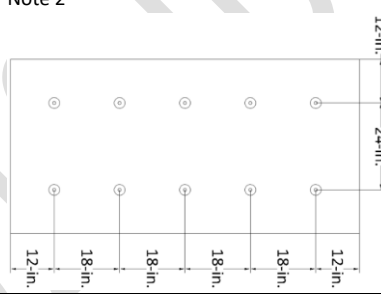
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                                                      |                                                                           |                                                         | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-536.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>        | PVCX-WB                              | -45.0*                    |
| S-537.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2<br>                                                | 1 per 3.2 ft <sup>2</sup>        | PVCX-WB                              | -45.0*                    |
| S-538.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                              | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>        | PVCX-WB                              | -45.0*                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                         |                                                                                                                                                                |                                                                                                                                              |                                  |                                      |                           |
| S-539.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                       | 1 per 5.3 ft <sup>2</sup>        | PVCF-WB                              | -30.0*                    |
| S-540.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 5.3 ft <sup>2</sup>        | PVCF-WB                              | -30.0*                    |
| S-541.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>        | PVCF-WB                              | -30.0*                    |
| S-542.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RA                                                                                                                                   | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVCF-WB                              | -30.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                             |                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-543.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2<br>                                                | 1 per 5.3 ft <sup>2</sup>        | PVCF-WB                              | -30.0*                    |
| S-544.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVCF-WB                              | -30.0*                    |
| S-545.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVCF-WB                              | -37.5*                    |
| S-546.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>        | PVCF-WB                              | -37.5*                    |
| S-547.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                 | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>        | PVCF-WB                              | -45.0*                    |
| S-548.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                 | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVCF-WB                              | -45.0*                    |
| S-549.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                  | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | PVCF-WB                              | -45.0*                    |
| S-550.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>        | PVCF-WB                              | -45.0*                    |
| S-551.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>        | PVCF-WB                              | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                           |                                                                                               |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                         |                                                                           |                                                         | Type                                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                              | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-552.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                    | Note 2<br> | 1 per 3.2 ft²                    | PVCF-WB                              | -45.0*                    |
| S-553.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                | Note 2                                                                                        | 1 per 1.8 ft²                    | PVCF-WB                              | -52.5                     |
| S-554.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                               | Note 2                                                                                        | 1 per 1.3 ft²                    | PVCF-WB                              | -67.5                     |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                         |                                                                                                                                                                                |                                                                                               |                                  |                                      |                           |
| S-555.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2                                                                                        | 1 per 4.0 ft²                    | PVCX-LM or PVCX-LO, 12-inch o.c.     | -30.0*                    |
| S-556.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RH                                                                                                                                                     | Note 2                                                                                        | 1 per 4.0 ft²                    | PVCX-LM or PVCX-LO, 12-inch o.c.     | -37.5*                    |
| S-557.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH | Note 2                                                                                        | 1 per 2.7 ft²                    | PVCX-LM or PVCX-LO, 12-inch o.c.     | -37.5*                    |
| S-558.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH | Note 2                                                                                        | 1 per 2.0 ft²                    | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0*                    |
| S-559.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH   | Note 2                                                                                        | 1 per 2.9 ft²                    | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                  |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                                                      |                                                                           |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a> | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-560.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 2.3 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                     |
| S-561.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                     |
| S-562.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | PVCX-LM, 12-inch o.c.                | -37.5*                    |
| S-563.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | PVCX-LO, 12-inch o.c.                | -45.0*                    |
| S-564.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0*                    |
| S-565.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RH                                                                                                                                     | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 4-inch o.c.      | -45.0*                    |
| S-566.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RH                                                                                                                                       | Note 2                           | 1 per 2.9 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 4-inch o.c.      | -45.0*                    |
| S-567.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard RH                                                                                                                                     | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 4-inch o.c.      | -60.0                     |
| S-568.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 4-inch o.c.      | -45.0*                    |
| S-569.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | PVCX-LM or PVCX-LO, 4-inch o.c.      | -67.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                         |                                                                                                                                                                  |                                  |                                  |                                      |                           |
| S-570.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2                           | 1 per 4.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -30.0*                    |
| S-571.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RA                                                                                                                                       | Note 2                           | 1 per 4.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -37.5*                    |

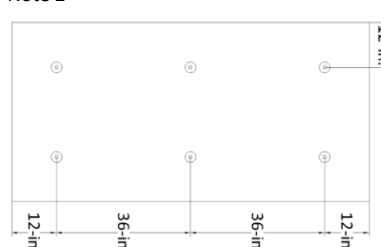
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                           |                                                                                                                                                   |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                  | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-572.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA | Note 2                                                                                                                                            | 1 per 2.7 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -37.5*                    |
| S-573.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                  | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft <sup>2</sup>        | PVCF-LM, 12-inch o.c.                | -37.5*                    |
| S-574.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA   | Note 2                                                                                                                                            | 1 per 2.9 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-575.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation               | Note 2                                                                                                                                            | 1 per 2.3 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                     |
| S-576.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA | Note 2                                                                                                                                            | 1 per 2.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-577.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                    | Note 2                                                                                                                                            | 1 per 2.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-578.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                  | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft <sup>2</sup>        | PVCF-LO, 12-inch o.c.                | -45.0*                    |
| S-579.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-580.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                | Note 2                                                                                                                                            | 1 per 1.8 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -52.5                     |
| S-581.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation               | Note 2                                                                                                                                            | 1 per 1.3 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                 |                                  |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                 | Fasten <a href="#">(Note 11)</a> | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-582.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation     | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | PVCF-LM, 12-inch o.c.                | -67.5                     |
| S-583.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 5.3 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -30.0*                    |
| S-584.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                    | Note 2                           | 1 per 4.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -30.0*                    |
| S-585.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                     | Note 2                           | 1 per 4.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-586.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                     | Note 2                           | 1 per 3.2 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-587.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                          | Note 2                           | 1 per 3.2 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-588.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                    | Note 2                           | 1 per 3.2 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-589.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Plus Polyiso Cover Board                                                                                                                | Note 2                           | 1 per 2.7 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-590.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                    | Note 2                           | 1 per 4.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -30.0*                    |
| S-591.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                     | Note 2                           | 1 per 4.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-592.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                      | Note 2                           | 1 per 3.2 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-593.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                        | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |

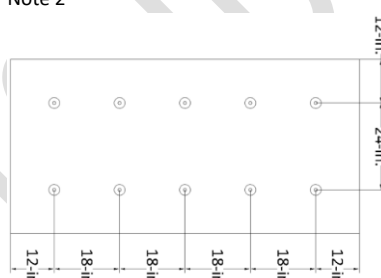
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                  | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                             |                                                                           |                                                         | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-594.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -52.5                     |
| S-595.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 1.45 ft <sup>2</sup>       | PVCF-LM or PVCF-LO, 4-inch o.c.      | -52.5                     |
| S-596.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 1.3 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -60.0                     |
| S-597.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 1.8 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -67.5                     |
| S-598.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 1.3 ft <sup>2</sup>        | PVCF-LM or PVCF-LO, 4-inch o.c.      | -67.5                     |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                         |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                         |                                  |                                      |                           |
| S-599.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                            | 1 per 5.3 ft <sup>2</sup>        | PVCX-OB                              | -30.0*                    |
| S-600.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2<br>                                                                                                                                                                                                                                                          | 1 per 5.3 ft <sup>2</sup>        | PVCX-OB                              | -30.0*                    |
| S-601.                                                      | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVCX-OB                              | -30.0*                    |

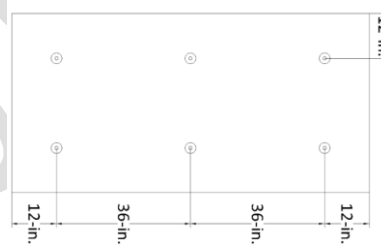
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-602.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RH                                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>        | PVCX-OB                              | -37.5*                    |
| S-603.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft <sup>2</sup>        | PVCX-OB                              | -37.5*                    |
| S-604.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVCX-OB                              | -45.0*                    |
| S-605.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                            | 1 per 4.0 ft <sup>2</sup>        | PVCX-OB                              | -45.0*                    |
| S-606.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard RH                                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.9 ft <sup>2</sup>        | PVCX-OB                              | -45.0*                    |
| S-607.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation               | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.3 ft <sup>2</sup>        | PVCX-OB                              | -45.0                     |
| S-608.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                                  | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVCX-OB                              | -45.0*                    |
| S-609.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 3.2 ft <sup>2</sup>        | PVCX-OB                              | -45.0*                    |
| S-610.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch DEXcell FA Glass Mat Roof Board                                                                                                                                  | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVCX-OB                              | -45.0*                    |

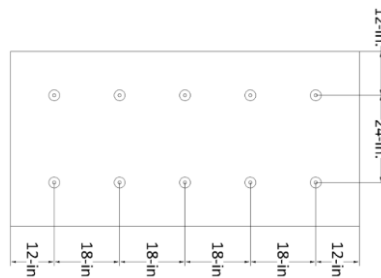
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>          | Top Insulation Layer                                                                                                                                           |                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|                                                                                          |                                                                           |                                                                  | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-611.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch               | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2<br>                                                | 1 per 3.2 ft²                    | PVCX-OB                              | -45.0*                    |
| S-612.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 1.5-inch EnergyGuard RH                                                                                                                                   | Note 2                                                                                                                                       | 1 per 1.3 ft²                    | PVCX-OB                              | -60.0                     |
| S-613.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                       | 1 per 1.8 ft²                    | PVCX-OB                              | -52.5                     |
| S-614.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                       | 1 per 1.3 ft²                    | PVCX-OB                              | -67.5                     |
| S-615.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                       | 1 per 1.45 ft²                   | PVCX-OB                              | -82.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                                  |                                                                                                                                                                |                                                                                                                                              |                                  |                                      |                           |
| S-616.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                       | 1 per 5.3 ft²                    | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-617.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 5.3 ft²                    | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-618.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                       | 1 per 4.0 ft²                    | PVCF-XF or PVCF-OB                   | -30.0*                    |

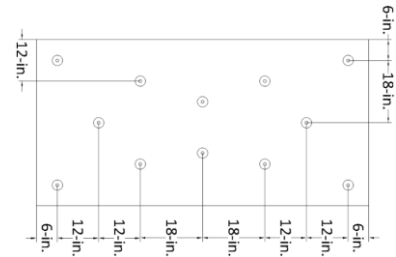
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-619.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-620.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2<br>                                                                                                                                                                                                                                                           | 1 per 5.3 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-621.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-622.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -37.5*                    |
| S-623.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -37.5*                    |
| S-624.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 4.0 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-625.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                                               | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-626.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 3.2 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-627.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                            | 1 per 4.0 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |

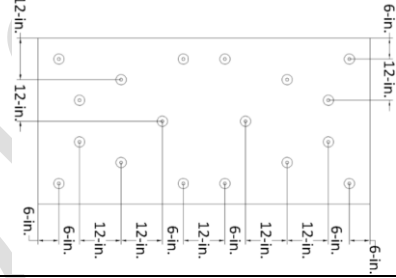
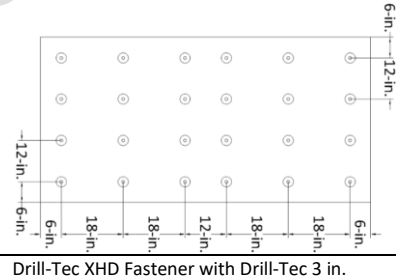
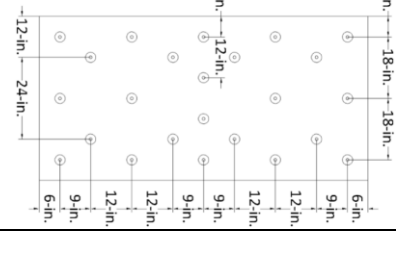
**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                         |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                        | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-628.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination          | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.3 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0                     |
| S-629.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation   | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-630.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.0 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-631.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                   | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 3.2 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-632.     | Min. 22 ga., Type B, Grade 33 steel                                       | One or more layers, any combination, min. 1-inch        | Min. 0.5-inch DEXcell FA Glass Mat Roof Board                                                                                                                    | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Flat Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec #12 DF Fastener or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate or Drill-Tec 3" ASAP Flat | 1 per 4.0 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-633.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch      | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2<br>                                                                                                                                                                                                                                                         | 1 per 3.2 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-634.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination          | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2                                                                                                                                                                                                                                                                                                                                                  | 1 per 2.7 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -52.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>          | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                   |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                                  | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                  | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-635.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                                            | 1 per 1.8 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -52.5                     |
| S-636.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                    | Note 2                                                                                                                                                            | 1 per 1.45 ft <sup>2</sup>       | PVCF-XF or PVCF-OB                   | -52.5                     |
| S-637.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation | Note 2                                                                                                                                                            | 1 per 1.3 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -60.0                     |
| S-638.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                            | 1 per 1.8 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -67.5                     |
| S-639.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                                            | 1 per 1.3 ft <sup>2</sup>        | PVCF-XF or PVCF-OB                   | -67.5                     |
| S-640.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                                            | 1 per 1.45 ft <sup>2</sup>       | PVCF-XF or PVCF-OB                   | -82.5                     |
| S-641.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                 | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 2.7 ft <sup>2</sup>        | PVCF-XF                              | -82.5                     |
| S-642.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                 | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                         | 1 per 2.7 ft <sup>2</sup>        | PVCF-XF                              | -82.5                     |
| S-643.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                 | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)                                                                                         | 1 per 1.8 ft <sup>2</sup>        | PVCF-XF                              | -97.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>          | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                  |                                                                                                                                                                    |                                  | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|----------------------------------------|---------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------|
|            |                                        |                                                         | Type                                  | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach <a href="#">(Note 17)</a> |                                      |                           |
| S-644.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.8 ft <sup>2</sup>        | PVCF-XF                              | -127.5                    |
| S-645.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>  | 1 per 1.3 ft <sup>2</sup>        | PVCF-XF                              | -135.0                    |
| S-646.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch        | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft <sup>2</sup>        | PVCF-XF                              | -142.5                    |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer<br><a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                  | Roof Cover <a href="#">(Note 15)</a> |                                                                             | <a href="#">MDP (psf)</a> |
|---------------------------|---------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                           |                                                                           |                                                            | Type                                                                                                                   | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                              | Attach <a href="#">(Note 17)</a> | Base Ply                             | Cap Ply                                                                     |                           |
| ASPHALT-APPLIED BASE PLY: |                                                                           |                                                            |                                                                                                                        |                                                                                                                                                                                                                                                                                                                               |                                  |                                      |                                                                             |                           |
| S-647.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate                                    | 1 per 4.0 ft²                    | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -30.0*                    |
| S-648.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                       | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft²                    | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-649.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                      | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 4.0 ft²                    | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-650.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate | 1 per 3.2 ft²                    | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-651.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or Structodek High Density Fiberboard Roof Insulation | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 2.0 ft2                    | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-652.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 2.0 ft2                    | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-653.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 1.6 ft²                    | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                     |
| S-654.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 1.6 ft2                    | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-655.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime                                                                                          | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 1.45 ft2                   | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck <a href="#">(Note 1)</a>                                                                                  | Base Insulation Layer <a href="#">(Note 3, Note 13)</a>    | Top Insulation Layer                                              |                                                                                                                                                                                                                                                               |                                  | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|--------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                |                                                                                                                |                                                            | Type                                                              | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                              | Attach <a href="#">(Note 17)</a> | Base Ply                             | Cap Ply                                                                     |                           |
| S-656.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                    | Note 2 (#14 only)                                                                                                                                                                                                                                             | 1 per 1.8 ft <sup>2</sup>        | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-657.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                        | 1 per 2.0 ft <sup>2</sup>        | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-658.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation  | Note 2                                                                                                                                                                                                                                                        | 1 per 1.0 ft <sup>2</sup>        | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -67.5                     |
| S-659.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                        | 1 per 1.6 ft <sup>2</sup>        | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -82.5                     |
| S-660.                         | Min. 20 ga., type B, Grade 33 steel, min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                        | 1 per 1.6 ft <sup>2</sup>        | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -90.0                     |
| <b>TORCH-APPLIED BASE PLY:</b> |                                                                                                                |                                                            |                                                                   |                                                                                                                                                                                                                                                               |                                  |                                      |                                                                             |                           |
| S-661.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | (Optional) One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.)                                             | -30.0*                    |
| S-662.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime                                     | Note 2                                                                                                                                                                                                                                                        | 1 per 4.0 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.)                     | -30.0*                    |
| S-663.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                        | 1 per 4.0 ft <sup>2</sup>        | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -30.0*                    |
| S-664.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | (Optional) One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                     | Note 2                                                                                                                                                                                                                                                        | 1 per 3.2 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -37.5*                    |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer<br><a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                                                                    |                                                                                                                                                                                                                                                               |                                     | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP<br><a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------|-----------------------------------------------------------------------------|------------------------------|
|            |                                                                           |                                                            | Type                                                                                                                    | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                              | Attach<br><a href="#">(Note 17)</a> | Base Ply                             | Cap Ply                                                                     |                              |
| S-665.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.)                                             | -45.0*                       |
| S-666.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime                                                                                            | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.)                     | -45.0*                       |
| S-667.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch DensDeck Prime or min. 0.625-inch DensDeck StormX Prime | Note 2                                                                                                                                                                                                                                                        | 1 per 4.0 ft <sup>2</sup>           | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -45.0*                       |
| S-668.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                         | Note 2                                                                                                                                                                                                                                                        | 1 per 3.2 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.)                                             | -45.0*                       |
| S-669.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | Note 2                                                                                                                                                                                                                                                        | 1 per 3.2 ft <sup>2</sup>           | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -45.0*                       |
| S-670.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime                                                                                            | Note 2                                                                                                                                                                                                                                                        | 1 per 3.2 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                       |
| S-671.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime                                                                                           | Note 2                                                                                                                                                                                                                                                        | 1 per 2.1 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.)                     | -45.0*                       |
| S-672.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                         | Note 2                                                                                                                                                                                                                                                        | 1 per 2.0 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                       |
| S-673.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | Note 2                                                                                                                                                                                                                                                        | 1 per 1.8 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                        |
| S-674.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                         | Note 2                                                                                                                                                                                                                                                        | 1 per 1.6 ft <sup>2</sup>           | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                        |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                                                  |                                  |                                  | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|            |                                                                           |                                                         | Type                                                                  | Fasten <a href="#">(Note 11)</a> | Attach <a href="#">(Note 17)</a> | Base Ply                             | Cap Ply                                                                     |                           |
| S-675.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                       | Note 2                           | 1 per 1.6 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.)                     | -52.5                     |
| S-676.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                       | Note 2                           | 1 per 1.6 ft <sup>2</sup>        | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -52.5                     |
| S-677.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.25-inch DensDeck Prime                                         | Note 2                           | 1 per 1.45 ft <sup>2</sup>       | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-678.     | Min. 22 ga., type B, Grade 40 steel or structural concrete                | One or more layers, any combination, loose laid         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board     | Note 2                           | 1 per 1.45 ft <sup>2</sup>       | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                     |
| S-679.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                     | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                      | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                     |
| S-680.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board     | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-681.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board      | Note 2                           | 1 per 2.0 ft <sup>2</sup>        | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -60.0                     |
| S-682.     | Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.25-inch DensDeck Prime                                         | Note 2                           | 1 per 1.45 ft <sup>2</sup>       | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -67.5                     |
| S-683.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                      | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.)                       | -67.5                     |
| S-684.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                      | Note 2                           | 1 per 1.3 ft <sup>2</sup>        | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -67.5                     |
| S-685.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.5-inch DensDeck Prime or min. 0.625-inch DensDeck StormX Prime | Note 2                           | 1 per 1.6 ft <sup>2</sup>        | SBS-TA                               | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB           | -67.5                     |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck <a href="#">(Note 1)</a>                                                                                    | Base Insulation Layer <a href="#">(Note 3, Note 13)</a> | Top Insulation Layer                             |                                                                                                                                                                                                                                                                                              |                                  | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)</a> |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------------------|---------------------------|
|                                |                                                                                                                  |                                                         | Type                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                             | Attach <a href="#">(Note 17)</a> | Base Ply                             | Cap Ply                                                                   |                           |
| S-686.                         | Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid         | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -75.0                     |
| S-687.                         | Min. 20 ga., type B, Grade 33 steel or min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid         | Min. 0.5-inch DensDeck Prime                     | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.0 ft <sup>2</sup>        | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -90.0                     |
| <b>SELF-ADHERING BASE PLY:</b> |                                                                                                                  |                                                         |                                                  |                                                                                                                                                                                                                                                                                              |                                  |                                      |                                                                           |                           |
| S-688.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft <sup>2</sup>        | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -30.0*                    |
| S-689.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination          | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Flat Steel Plate                                | 1 per 4.0 ft <sup>2</sup>        | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -45.0*                    |
| S-690.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>        | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -45.0*                    |
| S-691.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.6 ft <sup>2</sup>        | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -52.5                     |
| <b>COLD-APPLIED BASE PLY:</b>  |                                                                                                                  |                                                         |                                                  |                                                                                                                                                                                                                                                                                              |                                  |                                      |                                                                           |                           |
| S-692.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid         | 0.5-inch EnergyGuard HD Polyiso Cover Board      | Note 2                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>        | SBS-CA1                              | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCX-XF, PVCX-OB or PVCF-OB         | -45.0*                    |
| S-693.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid         | 0.5-inch EnergyGuard HD Polyiso Cover Board      | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup>       | SBS-CA1                              | PVCX-LM, PVCF-LM, PVCX-LMC, PVCF-LMC, PVCX-XF, PVCX-OB or PVCF-OB         | -60.0                     |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                | Deck<br>( <a href="#">Note 1</a> )                                        | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                                                                                                                                   |                                       |                                       | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>(psf) |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------|------------------------------|
|                                                                                                                           |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach<br>( <a href="#">Note 17</a> ) |                                           |                              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                                                                    |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                              |                                       |                                       |                                           |                              |
| S-694.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck or min. 0.5-inch SECUROCK Glass-Mat Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 0.625-inch DensDeck Prime                                                                                                                                                                   | Note 2                                | 1 per 4.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-695.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH                          | Note 2                                | 1 per 2.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-696.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH                            | Note 2                                | 1 per 4.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-697.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                                     | Note 2                                | 1 per 2.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-698.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.5-inch DensDeck Prime                                                                                      | Note 2                                | 1 per 3.2 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-699.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                                    | Note 2                                | 1 per 4.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-700.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                   | Note 2                                | 1 per 2.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| S-701.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                | 1 per 2.0 ft²                         | PVC1-BA or PVC1-BA-H                      | -45.0*                       |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS: |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                              |                                       |                                       |                                           |                              |
| S-702.                                                                                                                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH                                                                                                                                             | Note 2                                | 1 per 2.0 ft²                         | PVC2-BA or PVC2-BA-H                      | -45.0*                       |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                |                     |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------------|--------------|
|                                                                       |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                      | Fasten<br>(Note 11) | Attach<br>(Note 17)        |                         |              |
| S-703.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH                                                              | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-704.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board             | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-705.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.5-inch DensDeck Prime                                                  | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-706.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.625-inch DensDeck Prime                                                | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-707.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                         | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-BA or PVC2-BA-H    | -45.0*       |
| S-708.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime                                                 | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVC2-BA or PVC2-BA-H    | -52.5        |
| S-709.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                               | Note 2              | 1 per 1.6 ft <sup>2</sup>  | PVC2-BA or PVC2-BA-H    | -52.5        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                           |                     |                            |                         |              |
| S-710.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                          | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-711.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                            | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-712.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                    | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                  |                     |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-----------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------------|--------------|
|                                               |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                        | Fasten<br>(Note 11) | Attach<br>(Note 17)        |                         |              |
| S-713.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.5-inch DensDeck Prime                    | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-714.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.625-inch DensDeck Prime                  | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-715.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                           | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-716.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime                   | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVC2-QL                 | -52.5        |
| S-717.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 1.6 ft <sup>2</sup>  | PVC2-QL                 | -52.5        |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                             |                     |                            |                         |              |
| S-718.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA            | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-719.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                              | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-720.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, loose laid, followed by min. 0.25-inch DensDeck Prime       | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-721.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.5-inch DensDeck Prime                    | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-722.                                        | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.625-inch DensDeck Prime                  | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |

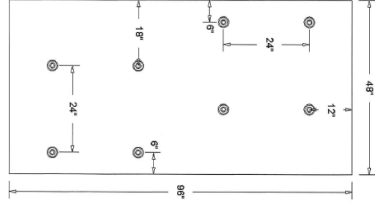
**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------------|--------------|
|                                                                                                      |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fasten<br>(Note 11) | Attach<br>(Note 17)        |                         |              |
| S-723.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                                                                                                                                          | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-724.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                  | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVC1-QS or PVC2-QS      | -52.5        |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b>                              |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |                            |                         |              |
| S-725.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCX-WB                 | -45.0*       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |                            |                         |              |
| S-726.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA                                                                                                                                                                                                                                                             | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-727.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA                                                                                                                                                                                                                                                                                               | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-728.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                              | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-729.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.5-inch DensDeck Prime                                                                                                                                                                                                                                                                   | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-730.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                                                                                                                                                                                                                 | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-731.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                  | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVCF-WB                 | -52.5        |

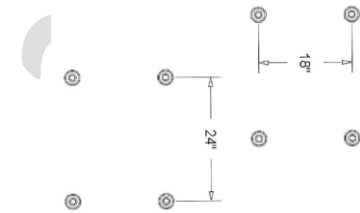
**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                    |                     |                           | Roof Cover<br>(Note 15)          | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|----------------------------------|--------------|
|                                                                                                      |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                          | Fasten<br>(Note 11) | Attach<br>(Note 17)       |                                  |              |
| S-732.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2              | 1 per 1.6 ft <sup>2</sup> | PVCF-WB                          | -52.5        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                               |                     |                           |                                  |              |
| S-733.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH                                                | Note 2              | 1 per 2.9 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 12-inch o.c. | -45.0*       |
| S-734.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 2.0 ft <sup>2</sup> | PVCF-LO, 12-inch o.c.            | -45.0*       |
| S-735.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2              | 1 per 2.0 ft <sup>2</sup> | PVCF-LM, 12-inch o.c.            | -45.0*       |
| S-736.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation,                                             | Note 2              | 1 per 1.3 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 12-inch o.c. | -60.0        |

**TABLE 21: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Insulation Layer<br>( <a href="#">Note 3</a> , <a href="#">Note 13</a> ) | Attachment                                                                                                                                        |                                                                                                                                                                                                                                                                         | Roof Cover ( <a href="#">Note 15B</a> )                                                                                                                       | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                           |                                                                          | Fastener ( <a href="#">Note 11</a> )                                                                                                              | Density                                                                                                                                                                                                                                                                 |                                                                                                                                                               |              |
| S-737.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination                                      | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 24 x 36 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -37.5        |
| S-738.     | Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination                                      | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 48 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -45.0        |
| S-739.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                                      | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 1 per 5.3 ft <sup>2</sup> (6 parts per 4 x 8 ft board)<br>Fastener located in each of the four corners of the board and at mid-span of the 96-inch length. Fasteners are 6-inches from the board's long edges and 12-inches and 48-inches from the board's short edges. | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -45.0*       |
| S-740.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination                                      | Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate                                                                                              | 24 x 36 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                    | -45.0        |
| S-741.     | Min. 20 ga., type B, Grade 33 steel                                       | One or more layers, any combination                                      | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 1 per 4.0 ft <sup>2</sup> (8 parts per 4 x 8 ft board)<br>                                                                                                                          | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                    | -52.5        |
| S-742.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination                                      | Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate                                                                                              | 24 x 24 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC XK, EverGuard PVC or EverGuard PVC KEE Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -60.0        |
| S-743.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                                      | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 24 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -60.0        |

**TABLE 2I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Insulation Layer <a href="#">(Note 3, Note 13)</a> | Attachment                                                                                                                                        |                                                                                                                                                                                        | Roof Cover <a href="#">(Note 15B)</a>                                                                                                      | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|            |                                                                           |                                                    | Fastener <a href="#">(Note 11)</a>                                                                                                                | Density                                                                                                                                                                                |                                                                                                                                            |                           |
| S-744.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination                | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 1 per 2.7 ft <sup>2</sup> (12 parts per 4 x 8 ft board)<br>Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge. | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -67.5                     |
| S-745.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 16 x 24 inch grid                                                                                                                                                                      | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -82.5                     |
| S-746.     | Min. 22 ga., type B, Grade 40 steel                                       | One or more layers, any combination                | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 18 x 24 inch staggered grid<br>                                                                     | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -82.5                     |
| S-747.     | Min. 22 ga., type B, Grade 60 steel                                       | One or more layers, any combination, min. 2-inch   | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 18 x 16 inch grid, staggered 6-inch                                                                                                                                                    | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -105.0                    |

**TABLE 2I: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER**

| System No.                                | Deck <a href="#">(Note 1)</a>       | Insulation <a href="#">(Note 3, Note 13)</a>       |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15A)</a>    |                                                                                                                                        |                                                                                                         | <a href="#">MDP (psf)</a> |
|-------------------------------------------|-------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------|
|                                           |                                     | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                                 | Fastener <a href="#">(Note 11)</a>                                                                                                     | Attachment                                                                                              |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                     |                                                    |                                 |                                                                              |                                          |                                                                                                                                        |                                                                                                         |                           |
| S-748.                                    | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld   | -30.0                     |
| S-749.                                    | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 5.5-inch wide laps spaced 114.5-inch o.c. and sealed with a 2-inch heat weld | -37.5                     |

**TABLE 2J: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER**

| System No.                                 | Deck <a href="#">(Note 1)</a>       | Insulation <a href="#">(Note 3, Note 13)</a>       |                                 | Separator Sheet (Optional)                                                                             | Roof Cover <a href="#">(Note 15A)</a>    |                                                                                                                                                                                                                                                                               |                                                                                                        | MDP <a href="#">(psf)</a> |
|--------------------------------------------|-------------------------------------|----------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------|
|                                            |                                     | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                                                        | Membrane                                 | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                                                                            | Attachment                                                                                             |                           |
| S-750.                                     | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec SXHD #21 with Drill-Tec 2 ¾ in. Barbed SXHD Plate                                                                                                                                                                                                                   | 12-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 2-inch heat weld   | -37.5                     |
| S-751.                                     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec #14 Fastener with Drill-Tec 2 in. Barbed Plate                                                                                                                                                                                                                      | 6-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 2-inch heat weld.            | -45.0                     |
| S-752.                                     | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate                                                                                                                                        | 6-inch o.c. within minimum 5.5-inch wide laps spaced 75.5-inch o.c. and sealed with a 2-inch heat weld | -45.0                     |
| S-753.                                     | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec SXHD #21 with Drill-Tec 2 ¾ in. Barbed SXHD Plate                                                                                                                                                                                                                   | 12-inch o.c. within minimum 6-inch wide laps spaced 75-inch o.c. and sealed with a 2-inch heat weld    | -45.0                     |
| S-754.                                     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate                                                                                                                                        | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld.         | -45.0                     |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE:</b> |                                     |                                                    |                                 |                                                                                                        |                                          |                                                                                                                                                                                                                                                                               |                                                                                                        |                           |
| S-755.                                     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld | -30.0                     |
| S-756.                                     | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld  | -45.0                     |
| S-757.                                     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1-inch   | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced 54-inch o.c. and sealed with a 1.5-inch heat weld  | -52.5                     |

**TABLE 2J: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER**

| System No.                                                       | Deck <a href="#">(Note 1)</a>       | Insulation <a href="#">(Note 3, Note 13)</a>                                                                   |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15A)</a>                    |                                                                                                                                                                                                                                                                               |                                                                                                        | <a href="#">MDP (psf)</a> |
|------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------|
|                                                                  |                                     | Type                                                                                                           | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                                                 | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                                                                            | Attachment                                                                                             |                           |
| S-758.                                                           | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1-inch                                                               | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE                       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 54-inch o.c. and sealed with a 1.5-inch heat weld   | -60.0                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK:</b> |                                     |                                                                                                                |                                 |                                                                              |                                                          |                                                                                                                                                                                                                                                                               |                                                                                                        |                           |
| S-759.                                                           | Min. 22 ga., type B, Grade 33 steel | New or Re-Roof: One or more layers, any combination, min. 1.5-inch Recover: (Optional) <a href="#">Note 13</a> | Prelim. attach                  | N/A                                                                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld | -30.0                     |
| S-760.                                                           | Min. 22 ga., type B, Grade 33 steel | New or Re-Roof: One or more layers, any combination, min. 1.5-inch Recover: (Optional) <a href="#">Note 13</a> | Prelim. attach                  | N/A                                                                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld  | -37.5                     |
| S-761.                                                           | Min. 22 ga., type B, Grade 80 steel | New or Re-Roof: One or more layers, any combination, min. 1.5-inch Recover: (Optional) <a href="#">Note 13</a> | Prelim. attach                  | N/A                                                                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld  | -45.0                     |
| S-762.                                                           | Min. 22 ga., type B, Grade 33 steel | New or Re-Roof: One or more layers, any combination, min. 1.5-inch Recover: (Optional) <a href="#">Note 13</a> | Prelim. attach                  | N/A                                                                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced 54-inch o.c. and sealed with a 1.5-inch heat weld  | -52.5                     |
| S-763.                                                           | Min. 22 ga., type B, Grade 33 steel | New or Re-Roof: One or more layers, any combination, min. 1.5-inch Recover: (Optional) <a href="#">Note 13</a> | Prelim. attach                  | N/A                                                                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 54-inch o.c. and sealed with a 1.5-inch heat weld   | -60.0                     |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                         | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                      |                                         | Top Insulation Layer                                                                                                                                                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------|
|                                                                    |                                  | Type                                                                                       | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                           |
| EVERGUARD PVC SMOOTH OR PVC XK / EVERGUARD #2331 BONDING ADHESIVE: |                                  |                                                                                            |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                           |
| C-1.                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                               | LRF-M                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -97.5                     |
| C-2.                                                               | Structural concrete              | Min. 1-inch EnergyGuard RH                                                                 | LRF-M                                   | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -162.5                    |
| C-3.                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                    | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -165.0                    |
| C-4.                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                              | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -187.5                    |
| C-5.                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                            | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -202.5                    |
| C-6.                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                            | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -232.5                    |
| C-7.                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                            | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | LRF-M                                   | PVC1-BA or PVC1-BA-H                 | -232.5                    |
| C-8.                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH               | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                          | PVC1-BA or PVC1-BA-H                 | -97.5                     |
| C-9.                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                               | LRF-M Canister                          | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M Canister                          | PVC1-BA or PVC1-BA-H                 | -162.5                    |
| C-10.                                                              | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH    | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M Canister                          | PVC1-BA or PVC1-BA-H                 | -165.0                    |
| C-11.                                                              | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                          | LRF-M Canister                          | PVC1-BA or PVC1-BA-H                 | -202.5                    |
| C-12.                                                              | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                               | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M Canister                          | PVC1-BA or PVC1-BA-H                 | -232.5                    |
| C-13.                                                              | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                                                            | LRF-M Canister                          | PVC1-BA or PVC1-BA-H                 | -232.5                    |
| C-14.                                                              | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                    | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-XF                                  | PVC1-BA or PVC1-BA-H                 | -165.0                    |
| C-15.                                                              | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                              | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-XF                                  | PVC1-BA or PVC1-BA-H                 | -187.5                    |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                            |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-16.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                    | PVC1-BA or PVC1-BA-H                   | -202.5       |
| C-17.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-XF                                    | PVC1-BA or PVC1-BA-H                   | -232.5       |
| C-18.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | LRF-XF                                    | PVC1-BA or PVC1-BA-H                   | -232.5       |
| C-19.      | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                     | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-BA or PVC1-BA-H                   | -37.5        |
| C-20.      | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                     | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-BA or PVC1-BA-H                   | -97.5        |
| C-21.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500                                     | PVC1-BA or PVC1-BA-H                   | -165.0       |
| C-22.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                    | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | OB500                                     | PVC1-BA or PVC1-BA-H                   | -187.5       |
| C-23.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                  | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | OB500                                     | PVC1-BA or PVC1-BA-H                   | -202.5       |
| C-24.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                     | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | OB500                                     | PVC1-BA or PVC1-BA-H                   | -202.5       |
| C-25.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                  | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVC1-BA or PVC1-BA-H                   | -232.5       |
| C-26.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                  | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | OB500                                     | PVC1-BA or PVC1-BA-H                   | -232.5       |
| C-27.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                     | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                                                                  | OB500                                     | PVC1-BA or PVC1-BA-H                   | -247.5       |
| C-28.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                     | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | OB500                                     | PVC1-BA or PVC1-BA-H                   | -247.5       |

EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS:

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                              |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-29.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                       | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                               | hot asphalt                               | PVC2-BA or PVC2-BA-H                   | -45.0        |
| C-30.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                    | LRF-M                                     | Additional optional layers base insulation followed by min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                   | LRF-M                                     | PVC2-BA                                | -82.5        |
| C-31.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,                                | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -90.0        |
| C-32.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                       | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -97.5        |
| C-33.      | Structural concrete                | Min. 1-inch EnergyGuard RH                                                                                                         | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -162.5       |
| C-34.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                     | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -165.0       |
| C-35.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                            | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -165.0       |
| C-36.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                      | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -187.5       |
| C-37.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                    | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -232.5       |
| C-38.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                    | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -292.5       |
| C-39.      | Structural concrete                | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                      | LRF-M, 6-inch o.c.                        | None                                                                                                                                                                                      | N/A                                       | PVC2-BA or PVC2-BA-H                   | -405.0       |
| C-40.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                       | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                            | PVC2-BA or PVC2-BA-H                   | -97.5        |
| C-41.      | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                       | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                            | PVC2-BA or PVC2-BA-H                   | -162.5       |
| C-42.      | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                            | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVC2-BA or PVC2-BA-H                   | -165.0       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-43.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                            | PVC2-BA or PVC2-BA-H                   | -232.5       |
| C-44.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M Canister                            | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                            | PVC2-BA or PVC2-BA-H                   | -247.5       |
| C-45.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA | LRF-XF                                    | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -90.0        |
| C-46.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                       | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -130.0       |
| C-47.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -165.0       |
| C-48.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -187.5       |
| C-49.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -232.5       |
| C-50.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -232.5       |
| C-51.      | Structural concrete                | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                         | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-XF                                    | PVC2-BA or PVC2-BA-H                   | -247.5       |
| C-52.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                         | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC2-BA or PVC2-BA-H                   | -37.5        |
| C-53.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                         | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA or PVC2-BA-H                   | -37.5        |
| C-54.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                   | -37.5        |
| C-55.      | Structural concrete                | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                 | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0        |
| C-56.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                         | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0        |
| C-57.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                         | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA or PVC2-BA-H                   | -52.5        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                              |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-58.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,                                | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                   | -90.0        |
| C-59.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                   | -97.5        |
| C-60.      | Structural concrete                | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                                   | OB500                                     | Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                | OB500                                     | PVC2-BA or PVC2-BA-H                   | -120.0       |
| C-61.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                                                         | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                     | PVC2-BA or PVC2-BA-H                   | -127.5       |
| C-62.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA or PVC2-BA-H                   | -130.0       |
| C-63.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                     | OB500                                     | PVC2-BA or PVC2-BA-H                   | -165.0       |
| C-64.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                            | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC2-BA or PVC2-BA-H                   | -165.0       |
| C-65.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                      | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVC2-BA or PVC2-BA-H                   | -187.5       |
| C-66.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                         | OB500                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                | -202.5       |
| C-67.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                    | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | OB500                                     | PVC2-BA or PVC2-BA-H                   | -232.5       |
| C-68.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA or PVC2-BA-H                   | -240.0       |
| C-69.      | Structural concrete                | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                                         | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                     | PVC2-BA or PVC2-BA-H                   | -247.5       |
| C-70.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                    | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                     | PVC2-BA or PVC2-BA-H                   | -292.5       |
| C-71.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                       | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-BA or PVC2-BA-H                   | -397.5       |
| C-72.      | Structural concrete                | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                      | OB500, 6-inch o.c.                        | None                                                                                                                                                                                      | N/A                                       | PVC2-BA or PVC2-BA-H                   | -405.0       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                               | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                               |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|----------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                          |                                    | Type                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-73.                                                    | Structural concrete                | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                                          | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-BA or PVC2-BA-H                   | -502.5       |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE:</b> |                                    |                                                                                                     |                                           |                                                                                                                                                                                           |                                           |                                        |              |
| C-74.                                                    | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                        | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC2-QL                                | -45.0        |
| C-75.                                                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-QL                                | -90.0        |
| C-76.                                                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                        | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-QL                                | -97.5        |
| C-77.                                                    | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                | -165.0       |
| C-78.                                                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                     | PVC2-QL                                | -232.5       |
| C-79.                                                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                     | PVC2-QL                                | -292.5       |
| C-80.                                                    | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M<br>Canister                         | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M<br>Canister                         | PVC2-QL                                | -97.5        |
| C-81.                                                    | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH             | LRF-M<br>Canister                         | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M<br>Canister                         | PVC2-QL                                | -165.0       |
| C-82.                                                    | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M<br>Canister                         | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M<br>Canister                         | PVC2-QL                                | -232.5       |
| C-83.                                                    | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-M<br>Canister                         | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M<br>Canister                         | PVC2-QL                                | -247.5       |
| C-84.                                                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA  | LRF-XF                                    | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-QL                                | -90.0        |
| C-85.                                                    | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC2-QL                                | -130.0       |
| C-86.                                                    | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVC2-QL                                | -165.0       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                               |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-87.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                  | PVC2-QL                              | -232.5                       |
| C-88.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVC2-QL                              | -232.5                       |
| C-89.      | Structural concrete              | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                          | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                  | PVC2-QL                              | -247.5                       |
| C-90.      | Structural concrete              | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                  | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC2-QL                              | -45.0                        |
| C-91.      | Structural concrete              | Min. 1-inch EnergyGuard RA                                                                          | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC2-QL                              | -45.0                        |
| C-92.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC2-QL                              | -52.5                        |
| C-93.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-QL                              | -90.0                        |
| C-94.      | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                        | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-QL                              | -97.5                        |
| C-95.      | Structural concrete              | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                    | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC2-QL                              | -120.0                       |
| C-96.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                   | PVC2-QL                              | -127.5                       |
| C-97.      | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC2-QL                              | -130.0                       |
| C-98.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVC2-QL                              | -165.0                       |
| C-99.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                   | PVC2-QL                              | -232.5                       |
| C-100.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA                                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                   | PVC2-QL                              | -240.0                       |
| C-101.     | Structural concrete              | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                   | PVC2-QL                              | -247.5                       |
| C-102.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                        | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                   | PVC2-QL                              | -292.5                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                    | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                           |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                               |                                    | Type                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-103.                                        | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                            | OB500                                     | PVC2-QL                                | -270.0       |
| C-104.                                        | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                  | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                | -375.0       |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                    |                                                                                                                 |                                           |                                                                                                                                                                                           |                                           |                                        |              |
| C-105.                                        | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                                    | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC1-QS or PVC2-QS                     | -45.0        |
| C-106.                                        | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,             | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                     | -90.0        |
| C-107.                                        | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                    | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                     | -97.5        |
| C-108.                                        | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                         | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                     | -165.0       |
| C-109.                                        | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                 | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M                                     | PVC1-QS or PVC2-QS                     | -210.0       |
| C-110.                                        | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                    | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                     | PVC1-QS or PVC2-QS                     | -292.5       |
| C-111.                                        | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                    | LRF-M<br>Canister                         | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                     | -97.5        |
| C-112.                                        | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                         | LRF-M<br>Canister                         | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                     | -165.0       |
| C-113.                                        | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                    | LRF-M<br>Canister                         | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                     | -210.0       |
| C-114.                                        | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                    | LRF-M<br>Canister                         | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                     | -247.5       |
| C-115.                                        | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA              | LRF-XF                                    | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -90.0        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                              |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-116.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                       | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -130.0       |
| C-117.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -165.0       |
| C-118.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                    | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -210.0       |
| C-119.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -232.5       |
| C-120.     | Structural concrete                | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                 | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0        |
| C-121.     | Structural concrete                | Min. 1-inch EnergyGuard RA                                                                                         | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0        |
| C-122.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                                         | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -52.5        |
| C-123.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,                | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                     | -90.0        |
| C-124.     | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                     | -97.5        |
| C-125.     | Structural concrete                | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                   | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -120.0       |
| C-126.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -130.0       |
| C-127.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                            | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC1-QS or PVC2-QS                     | -165.0       |
| C-128.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra or min. 1.5-inch EnergyGuard RA                    | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | OB500                                     | PVC1-QS or PVC2-QS                     | -210.0       |
| C-129.     | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                                     | Min. 0.625-inch DensDeck Prime                                                                                                                                                            | OB500                                     | PVC2-QS                                | -232.5       |
| C-130.     | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                                     | Min. 0.625-inch DensDeck Prime                                                                                                                                                            | OB500                                     | PVC1-QS                                | -247.5       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                      | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                           |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|---------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                                                 |                                    | Type                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-131.                                                                          | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                            | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVC1-QS or PVC2-QS                     | -292.5       |
| C-132.                                                                          | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                     | OB500                                     | PVC1-QS or PVC2-QS                     | -270.0       |
| C-133.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA            | OB500                                     | Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                | OB500                                     | PVC1-QS or PVC2-QS                     | -270.0       |
| C-134.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA            | OB500                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-QS or PVC2-QS                     | -375.0       |
| <b>EVERGUARD PVC XK FLEECEBACK IN HOT ASPHALT:</b>                              |                                    |                                                                                                                 |                                           |                                                                                                                                                                                                                                 |                                           |                                        |              |
| C-135.                                                                          | Structural concrete (primed)       | Min. 1-inch EnergyGuard RH                                                                                      | hot asphalt                               | (Optional) Additional layers of base insulation                                                                                                                                                                                 | hot asphalt                               | PVCX-HA                                | -490.0       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b> |                                    |                                                                                                                 |                                           |                                                                                                                                                                                                                                 |                                           |                                        |              |
| C-136.                                                                          | Structural concrete (primed)       | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                              | hot asphalt                               | Min. 0.25-inch DensDeck                                                                                                                                                                                                         | hot asphalt                               | PVCF-HA                                | -45.0        |
| C-137.                                                                          | Structural concrete (primed)       | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,             | hot asphalt                               | (Optional) Additional layers of base insulation                                                                                                                                                                                 | hot asphalt                               | PVCF-HA                                | -382.5       |
| C-138.                                                                          | Structural concrete (primed)       | Min. 1-inch EnergyGuard RH                                                                                      | hot asphalt                               | None                                                                                                                                                                                                                            | N/A                                       | PVCF-HA                                | -470.0       |
| C-139.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                              | OB500                                     | Min. 0.25-inch DensDeck                                                                                                                                                                                                         | OB500                                     | PVCF-HA                                | -45.0        |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b>         |                                    |                                                                                                                 |                                           |                                                                                                                                                                                                                                 |                                           |                                        |              |
| C-140.                                                                          | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                 | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                                     | PVCX-WB                                | -90.0        |
| C-141.                                                                          | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-M                                     | PVCX-WB                                | -90.0        |
| C-142.                                                                          | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                 | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M                                     | PVCX-WB                                | -90.0        |
| C-143.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                    | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                | -97.5        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                              |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-144.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                       | LRF-M Canister                            | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M Canister                            | PVCX-WB                                | -90.0        |
| C-145.     | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                            | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M Canister                            | PVCX-WB                                | -90.0        |
| C-146.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M Canister                            | PVCX-WB                                | -90.0        |
| C-147.     | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                         | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                            | PVCX-WB                                | -97.5        |
| C-148.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-XF                                    | PVCX-WB                                | -90.0        |
| C-149.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                         | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-XF                                    | PVCX-WB                                | -90.0        |
| C-150.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-XF                                    | PVCX-WB                                | -90.0        |
| C-151.     | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                       | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCX-WB                                | -37.5        |
| C-152.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVCX-WB                                | -90.0        |
| C-153.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                         | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | OB500                                     | PVCX-WB                                | -90.0        |
| C-154.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                     | PVCX-WB                                | -90.0        |
| C-155.     | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                       | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCX-WB                                | -97.5        |

EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                 |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-156.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                          | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-WB                                | -97.5        |
| C-157.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVCF-WB                                | -165.0       |
| C-158.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                         | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVCF-WB                                | -187.5       |
| C-159.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                       | LRF-M                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                     | PVCF-WB                                | -232.5       |
| C-160.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                       | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                     | PVCF-WB                                | -292.5       |
| C-161.     | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                            | PVCF-WB                                | -97.5        |
| C-162.     | Structural concrete                | (Optional) Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVCF-WB                                | -165.0       |
| C-163.     | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                            | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                            | PVCF-WB                                | -232.5       |
| C-164.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                          | LRF-M Canister                            | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                            | PVCF-WB                                | -247.5       |
| C-165.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                               | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVCF-WB                                | -165.0       |
| C-166.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                         | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                    | PVCF-WB                                | -187.5       |
| C-167.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                       | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | PVCF-WB                                | -232.5       |
| C-168.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                            | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVCF-WB                                | -37.5        |
| C-169.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                            | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                | -37.5        |
| C-170.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                          | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                | -37.5        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                              | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                              |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                                         |                                    | Type                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-171.                                                                  | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                                         | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                | -52.5        |
| C-172.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                | -97.5        |
| C-173.                                                                  | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                            | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVCF-WB                                | -165.0       |
| C-174.                                                                  | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                      | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVCF-WB                                | -187.5       |
| C-175.                                                                  | Structural concrete                | Min. 1-inch EnergyGuard RA                                                                                         | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVCF-WB                                | -127.5       |
| C-176.                                                                  | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                                       | OB500                                     | (Optional) Additional layers base insulation                                                                                                                                              | OB500                                     | PVCF-WB                                | -225.0       |
| C-177.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                    | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                     | PVCF-WB                                | -232.5       |
| C-178.                                                                  | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                | -240.0       |
| C-179.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                    | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                     | PVCF-WB                                | -292.5       |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                    |                                                                                                                    |                                           |                                                                                                                                                                                           |                                           |                                        |              |
| C-180.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                   | LRF-M                                     | PVCX-LM, 12-inch o.c.                  | -37.5        |
| C-181.                                                                  | Structural concrete                | Min. 1-inch EnergyGuard RH                                                                                         | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                     | PVCX-LM, 6-inch o.c.                   | -45.0        |
| C-182.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M                                     | PVCX-LO, 12-inch o.c.                  | -45.0        |
| C-183.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                    | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0        |
| C-184.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-M                                     | PVCX-LM, 12-inch o.c.                  | -45.0        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                              |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                               | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-185.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-M                                   | (Optional) Additional layers of base insulation                                                                          | LRF-M                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-186.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                         | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-187.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -165.0                       |
| C-188.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-189.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-190.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-191.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                   | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | LRF-M                                   | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-192.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-193.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCX-LM or PVCX-LO, 4-inch o.c.      | -195.0                       |
| C-194.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                          | PVCX-LM, 12-inch o.c.                | -37.5                        |
| C-195.     | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                       | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-LM, 6-inch o.c.                 | -45.0                        |
| C-196.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                          | PVCX-LO, 12-inch o.c.                | -45.0                        |
| C-197.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                        |
| C-198.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-199.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-200.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.      | -165.0                       |
| C-201.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                              |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-202.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                       | LRF-M Canister                            | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-203.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | LRF-M Canister                            | None                                                                                                                     | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.        | -195.0       |
| C-204.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-XF                                    | PVCX-LO, 12-inch o.c.                  | -45.0        |
| C-205.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0        |
| C-206.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                  | -45.0        |
| C-207.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                    | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                          | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.       | -60.0        |
| C-208.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                         | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.       | -60.0        |
| C-209.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -165.0       |
| C-210.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-211.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 4-inch o.c.                   | -180.0       |
| C-212.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-XF                                    | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-213.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-XF                                    | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | LRF-XF                                    | PVCX-LM, 4-inch o.c.                   | -180.0       |
| C-214.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                         | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-215.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 4-inch o.c.        | -195.0       |
| C-216.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board  | OB500                                     | PVCX-LM, 12-inch o.c.                  | -37.5        |
| C-217.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                                         | OB500                                     | (Optional) Additional layers of base insulation                                                                          | OB500                                     | PVCX-LM or PVCX-LO, 6-inch o.c.        | -45.0        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                              |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                                                                      |                                    | Type                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-218.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | OB500                                     | PVCX-LO, 12-inch o.c.                  | -45.0        |
| C-219.                                                                                               | Structural concrete                | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                              | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                       | OB500                                     | PVCX-LM, 6-inch o.c.                   | -45.0        |
| C-220.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0        |
| C-221.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM, 12-inch o.c.                  | -45.0        |
| C-222.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                    | OB500                                     | (Optional) Additional layers of base insulation                                                                          | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.       | -60.0        |
| C-223.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                         | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.       | -60.0        |
| C-224.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                            | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.        | -165.0       |
| C-225.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-226.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM, 4-inch o.c.                   | -180.0       |
| C-227.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | OB500                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-228.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | OB500                                     | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | OB500                                     | PVCX-LM, 4-inch o.c.                   | -180.0       |
| C-229.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                         | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.        | -180.0       |
| C-230.                                                                                               | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 4-inch o.c.        | -195.0       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                    |                                                                                                                    |                                           |                                                                                                                          |                                           |                                        |              |
| C-231.                                                                                               | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                                         | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | LRF-M                                     | PVCF-LM, 12-inch o.c.                  | -37.5        |
| C-232.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                    | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board  | LRF-M                                     | PVCF-LM, 12-inch o.c.                  | -37.5        |
| C-233.                                                                                               | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                                       | LRF-M                                     | (Optional) Additional layers base insulation                                                                             | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                               |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-234.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M                                     | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-235.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M                                     | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-236.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-237.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                     | PVCF-LM, 12-inch o.c.                  | -45.0        |
| C-238.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-239.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM, 12-inch o.c.                  | -45.0        |
| C-240.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | LRF-M                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0        |
| C-241.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | LRF-M                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | LRF-M                                     | PVCF-LM, 12-inch o.c.                  | -60.0        |
| C-242.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                          | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0        |
| C-243.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -165.0       |
| C-244.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-M                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                       | LRF-M                                     | PVCF-LM, 12-inch o.c.                  | -67.5        |
| C-245.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.        | -180.0       |
| C-246.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM, 4-inch o.c.                   | -180.0       |
| C-247.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -180.0       |
| C-248.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 4-inch o.c.        | -195.0       |
| C-249.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-M                                     | (Optional) Additional layers base insulation                                                                             | LRF-M                                     | PVCF-LM, 4-inch o.c.                   | -210.0       |
| C-250.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                            | PVCF-LM, 12-inch o.c.                  | -37.5        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-251.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                       | LRF-M Canister                            | (Optional) Additional layers base insulation                                                                             | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-252.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                            | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-253.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-254.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA,                                      | LRF-M Canister                            | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0        |
| C-255.     | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -165.0       |
| C-256.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M Canister                            | PVCF-LM, 12-inch o.c.                  | -67.5        |
| C-257.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.        | -180.0       |
| C-258.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | LRF-M Canister                            | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 4-inch o.c.        | -195.0       |
| C-259.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M Canister                            | (Optional) Additional layers base insulation                                                                             | LRF-M Canister                            | PVCF-LM, 4-inch o.c.                   | -210.0       |
| C-260.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board  | LRF-XF                                    | PVCF-LM, 12-inch o.c.                  | -37.5        |
| C-261.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-XF                                    | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-262.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-263.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM, 12-inch o.c.                  | -45.0        |
| C-264.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA | LRF-XF                                    | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0        |
| C-265.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA | LRF-XF                                    | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | LRF-XF                                    | PVCF-LM, 12-inch o.c.                  | -60.0        |
| C-266.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                         | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0        |
| C-267.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -165.0       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                               |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-268.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.        | -180.0       |
| C-269.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM, 4-inch o.c.                   | -180.0       |
| C-270.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -180.0       |
| C-271.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 4-inch o.c.        | -195.0       |
| C-272.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | OB500                                     | PVCF-LM, 12-inch o.c.                  | -37.5        |
| C-273.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board  | OB500                                     | PVCF-LM, 12-inch o.c.                  | -37.5        |
| C-274.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | OB500                                     | PVCF-LO, 12-inch o.c.                  | -37.5        |
| C-275.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                        | OB500                                     | (Optional) Additional layers base insulation                                                                             | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-276.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-277.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | OB500                                     | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-278.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-279.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                          | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCF-LM, 12-inch o.c.                  | -45.0        |
| C-280.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0        |
| C-281.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM, 12-inch o.c.                  | -45.0        |
| C-282.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                        | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-283.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | OB500                                     | PVCF-LO, 12-inch o.c.                  | -45.0        |
| C-284.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | OB500                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                  | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                               |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                             |                                  | Type                                                                                                | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-285.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | OB500                                   | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | OB500                                   | PVCF-LM, 12-inch o.c.                | -60.0                        |
| C-286.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                          | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |
| C-287.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -165.0                       |
| C-288.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCF-LM or PVCF-LO, 4-inch o.c.      | -180.0                       |
| C-289.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCF-LM, 4-inch o.c.                 | -180.0                       |
| C-290.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -180.0                       |
| C-291.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | OB500                                   | None                                                                                                                     | N/A                                     | PVCF-LM or PVCF-LO, 4-inch o.c.      | -195.0                       |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                  |                                                                                                     |                                         |                                                                                                                          |                                         |                                      |                              |
| C-292.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-M                                   | (Optional) Additional layers of base insulation                                                                          | LRF-M                                   | PVCX-OB                              | -60.0                        |
| C-293.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                   | PVCX-OB                              | -165.0                       |
| C-294.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCX-OB                              | -180.0                       |
| C-295.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-OB                              | -180.0                       |
| C-296.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-M                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M                                   | PVCX-OB                              | -180.0                       |
| C-297.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCX-OB                              | -195.0                       |
| C-298.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-OB                              | -60.0                        |
| C-299.                                                      | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH             | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-OB                              | -165.0                       |
| C-300.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCX-OB                              | -180.0                       |
| C-301.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                        | LRF-M Canister                          | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M Canister                          | PVCX-OB                              | -180.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                               | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                               |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                                                          |                                    | Type                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-302.                                                                                   | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | LRF-M Canister                            | None                                                                                                                                                                                      | LRF-M Canister                            | PVCX-OB                                | -195.0       |
| C-303.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                    | PVCX-OB                                | -60.0        |
| C-304.                                                                                   | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVCX-OB                                | -165.0       |
| C-305.                                                                                   | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                    | PVCX-OB                                | -180.0       |
| C-306.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | PVCX-OB                                | -180.0       |
| C-307.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | LRF-XF                                    | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | LRF-XF                                    | PVCX-OB                                | -180.0       |
| C-308.                                                                                   | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | LRF-XF                                    | None                                                                                                                                                                                      | N/A                                       | PVCX-OB                                | -195.0       |
| C-309.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                     | PVCX-OB                                | -60.0        |
| C-310.                                                                                   | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVCX-OB                                | -165.0       |
| C-311.                                                                                   | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVCX-OB                                | -180.0       |
| C-312.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                     | PVCX-OB                                | -180.0       |
| C-313.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | OB500                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | OB500                                     | PVCX-OB                                | -180.0       |
| C-314.                                                                                   | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVCX-OB                                | -195.0       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                    |                                                                                                     |                                           |                                                                                                                                                                                           |                                           |                                        |              |
| C-315.                                                                                   | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-XF or PVCF-OB                     | -90.0        |
| C-316.                                                                                   | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVCF-XF or PVCF-OB                     | -165.0       |
| C-317.                                                                                   | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVCF-XF or PVCF-OB                     | -180.0       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| C-318.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-M                                     | (Optional) Additional layers base insulation                                                                                                                                              | LRF-M                                     | PVCF-XF or PVCF-OB                     | -180.0       |
| C-319.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                     | PVCF-XF or PVCF-OB                     | -180.0       |
| C-320.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-M                                     | PVCF-XF                                | -180.0       |
| C-321.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVCF-XF or PVCF-OB                     | -195.0       |
| C-322.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -90.0        |
| C-323.     | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -165.0       |
| C-324.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M Canister                            | (Optional) Additional layers base insulation                                                                                                                                              | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -180.0       |
| C-325.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -180.0       |
| C-326.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | LRF-M Canister                            | None                                                                                                                                                                                      | N/A                                       | PVCF-XF or PVCF-OB                     | -195.0       |
| C-327.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA | LRF-XF                                    | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -90.0        |
| C-328.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                    | LRF-XF                                    | (Optional) Additional layers base insulation                                                                                                                                              | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -180.0       |
| C-329.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -165.0       |
| C-330.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -180.0       |
| C-331.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -180.0       |
| C-332.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-XF                                    | PVCF-XF                                | -180.0       |
| C-333.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | LRF-XF                                    | None                                                                                                                                                                                      | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -195.0       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                               |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-334.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-XF or PVCF-OB                   | -90.0                        |
| C-335.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVCF-XF or PVCF-OB                   | -165.0                       |
| C-336.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                          | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-337.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                   | (Optional) Additional layers base insulation                                                                                                                                              | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-338.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-339.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | OB500                                   | PVCF-XF                              | -180.0                       |
| C-340.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                       |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**

REFER TO [NOTE 11](#) FOR VAPOR BARRIER OPTIONS

| System No.                | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                               |                                           | Top Insulation Layer                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                  | <a href="#">MDP</a><br>( <a href="#">psf</a> ) |
|---------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------------------------------|------------------------------------------------|
|                           |                                    | Type                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                          |                                                |
| ASPHALT-APPLIED BASE PLY: |                                    |                                                                                                     |                                           |                                                                                                                                                 |                                           |                                        |                                                                  |                                                |
| C-341.                    | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                          | hot asphalt                               | Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | hot asphalt                               | SBS-AA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0                                          |
| C-342.                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | hot asphalt                               | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board   | hot asphalt                               | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -150.0                                         |
| C-343.                    | Structural concrete                | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                    | hot asphalt                               | None                                                                                                                                            | N/A                                       | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -165.0                                         |
| C-344.                    | Structural concrete                | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                  | hot asphalt                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                 | hot asphalt                               | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -225.0                                         |
| C-345.                    | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | hot asphalt                               | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                                       | hot asphalt                               | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -240.0                                         |
| C-346.                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | hot asphalt                               | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board           | hot asphalt                               | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.)            | -255.0                                         |
| C-347.                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | hot asphalt                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation           | hot asphalt                               | SBS-AA                                 | PVCX-LMC, PVCF-LMC, PVCF-XF, PVCX-OB or PVCF-OB                  | -255.0                                         |
| C-348.                    | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | hot asphalt                               | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                | hot asphalt                               | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -307.5                                         |
| C-349.                    | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | hot asphalt                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                               | hot asphalt                               | SBS-AA                                 | PVCF-HA                                                          | -495.0                                         |
| C-350.                    | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                      | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                 | LRF-M                                     | SBS-AA                                 | PVCF-LO, 12-inch o.c.                                            | -60.0                                          |
| C-351.                    | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                      | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                 | LRF-M                                     | SBS-AA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB               | -180.0                                         |
| C-352.                    | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                 | LRF-M Canister                            | SBS-AA                                 | PVCF-LO, 12-inch o.c.                                            | -60.0                                          |
| C-353.                    | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                 | LRF-M Canister                            | SBS-AA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB               | -180.0                                         |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**

 REFER TO [NOTE 11](#) FOR VAPOR BARRIER OPTIONS

| System No.                     | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                              |                                           | Top Insulation Layer                                                                                                                  |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                  | MDP<br>(psf) |
|--------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------------------------------|--------------|
|                                |                                    | Type                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                          |              |
| C-354.                         | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                         | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                     | LRF-XF                                    | SBS-AA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0        |
| C-355.                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                       | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                    | SBS-AA                                 | PVCF-LO, 12-inch o.c.                                            | -60.0        |
| C-356.                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                     | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -180.0       |
| C-357.                         | Structural concrete                | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra                                                  | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -225.0       |
| C-358.                         | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                       | LRF-XF                                    | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                             | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -240.0       |
| C-359.                         | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                         | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | OB500                                     | SBS-AA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0        |
| C-360.                         | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                                     | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | OB500                                     | SBS-AA                                 | PVCF-LO, 12-inch o.c.                                            | -60.0        |
| C-361.                         | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                       | OB500                                     | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                             | OB500                                     | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -150.0       |
| C-362.                         | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                            | OB500                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                      | OB500                                     | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -165.0       |
| C-363.                         | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | OB500                                     | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -187.5       |
| C-364.                         | Structural concrete                | Min. 2.0-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | OB500                                     | SBS-AA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -225.0       |
| <b>TORCH-APPLIED BASE PLY:</b> |                                    |                                                                                                                    |                                           |                                                                                                                                       |                                           |                                        |                                                                  |              |
| C-365.                         | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                         | hot asphalt                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                     | hot asphalt                               | SBS-TA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0        |
| C-366.                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,                | hot asphalt                               | Min. 0.25-inch DensDeck Prime                                                                                                         | hot asphalt                               | SBS-TA                                 | PVCF-HA                                                          | -232.5       |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**

REFER TO [TABLE 3A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                               |                                           | Top Insulation Layer                                              |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                           | MDP<br>(psf) |
|------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------------|--------------|
|            |                                    | Type                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                              | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                   |              |
| C-367.     | Structural concrete                | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                  | hot asphalt                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -232.5       |
| C-368.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, | hot asphalt                               | Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board                   | hot asphalt                               | SBS-TA                                 | PVCF-HA                                                                   | -285.0       |
| C-369.     | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                      | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                     | SBS-TA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-370.     | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                      | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                     | SBS-TA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-371.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                            | SBS-TA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-372.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                        | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                            | SBS-TA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-373.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                          | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0        |
| C-374.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                        | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                    | SBS-TA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-375.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                        | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-376.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0       |
| C-377.     | Structural concrete                | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra                                   | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -232.5       |
| C-378.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                        | LRF-XF                                    | Min. 0.25-inch DensDeck or DensDeck Prime                         | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0       |
| C-379.     | Structural concrete                | Min. 0.25-inch DensDeck Prime                                                                       | LRF-XF                                    | None                                                              | N/A                                       | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -245.0       |
| C-380.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                          | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | OB500                                     | SBS-TA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0        |
| C-381.     | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                      | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                     | SBS-TA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**

REFER TO [TABLE 3A](#) FOR VAPOR BARRIER OPTIONS

| System No.                     | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                         |                                           | Top Insulation Layer                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                           | MDP<br>(psf) |
|--------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------------|--------------|
|                                |                                    | Type                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                   |              |
| C-382.                         | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                  | OB500                                     | Min. 0.25-inch DensDeck or DensDeck Prime                                                       | OB500                                     | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -150.0       |
| C-383.                         | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                     | SBS-AA or SBS-TA                       | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-384.                         | Structural concrete                | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                    | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, primed with Matrix™ 307 Premium Asphalt Primer | OB500                                     | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -210.0       |
| C-385.                         | Structural concrete                | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                               | OB500                                     | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0       |
| C-386.                         | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                   | OB500                                     | SBS-TA                                 | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -300.0       |
| <b>SELF-ADHERING BASE PLY:</b> |                                    |                                                                                               |                                           |                                                                                                 |                                           |                                        |                                                                           |              |
| C-387.                         | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M                                     | SBS-SA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-388.                         | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M                                     | SBS-SA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-389.                         | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                  | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M Canister                            | SBS-SA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-390.                         | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                  | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M Canister                            | SBS-SA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-391.                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                  | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | SBS-SA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-392.                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                  | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | SBS-SA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |
| C-393.                         | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                     | SBS-SA                                 | PVCF-LO, 12-inch o.c.                                                     | -60.0        |
| C-394.                         | Structural concrete                | EnergyGuard Polyiso Insulation, EnergyGuard RH                                                | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                     | SBS-SA                                 | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0       |

**TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Roof Deck <a href="#">(Note 1)</a> | Primer                             | Roof Cover <a href="#">(Note 15)</a> |                                                                           | <a href="#">MDP (psf)</a> |
|------------|------------------------------------|------------------------------------|--------------------------------------|---------------------------------------------------------------------------|---------------------------|
|            |                                    |                                    | Base Ply                             | Cap Ply                                                                   |                           |
| C-395.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCX-LM or PVCX-LO, 6-inch o.c.                                           | -45.0                     |
| C-396.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-LM or PVCF-LO, 12-inch o.c.                                          | -60.0                     |
| C-397.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | SBS-AA or SBS-TA                     | PVCF-LM or PVCF-LO, 12-inch o.c.                                          | -60.0                     |
| C-398.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | SBS-AA or SBS-TA                     | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -330.0                    |
| C-399.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-LM or PVCF-LO, 4-inch o.c.                                           | -337.5                    |
| C-400.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-XF                                                                   | -337.5                    |
| C-401.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | None                                 | PVCF-HA                                                                   | -390.0                    |
| C-402.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | None                                 | PVCX-HA                                                                   | -502.5                    |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No.                                    | Deck <a href="#">(Note 1)</a>                                                               | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                   | Base Sheet                                                                                                                                     |                                                                                                                                                 |                                                                                                                                                                                         | Roof Cover <a href="#">(Note 15)</a> |                     | MDP <a href="#">(psf)</a> |
|-----------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------|---------------------------|
|                                               |                                                                                             |                                                                                                                                                                                  | Type                                                                                                                                           | Fastener <a href="#">(Note 11)</a>                                                                                                              | Attach                                                                                                                                                                                  | Base                                 | Cap                 |                           |
| HYBRID SYSTEMS / EVERGUARD PVC XK FLEECEBACK: |                                                                                             |                                                                                                                                                                                  |                                                                                                                                                |                                                                                                                                                 |                                                                                                                                                                                         |                                      |                     |                           |
| LWC-1.                                        | Existing min. 22 ga., type BV steel or min. 2,500 psi structural concrete                   | Re-Roof Only: Min. 300 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note: Fastener withdrawal; min. 88 lbf per <a href="#">Note 11</a>.</b>  | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.)                                                            | 7.5-inch o.c. at min. 2-inch laps and 7.5-inch o.c. in one center row                                                                                                                   | SBS-CA or SBS-TA                     | PVCX-LMC or PVCX-OB | -45.0                     |
| LWC-2.                                        | Existing min. 22 ga., type BV steel or min. 2,500 psi structural concrete                   | Re-Roof Only: Min. 300 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note: Fastener withdrawal; min. 105 lbf per <a href="#">Note 11</a>.</b> | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.)                                                            | 9-inch o.c. at min. 2-inch laps and 18-inch o.c. in two (2), equally spaced, staggered center rows                                                                                      | SBS-CA or SBS-TA                     | PVCX-LMC or PVCX-OB | -45.0                     |
| LWC-3.                                        | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. <b>Note: Fastener withdrawal; min. 60 lbf per <a href="#">Note 11</a>.</b>                | GAFLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFLAS #80 Ultima Base Sheet, GAFLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | (Optional) SBS-AA or SBS-TA          | PVCX-HA             | -52.5                     |
| LWC-4.                                        | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. <b>Note: Fastener withdrawal; min. 60 lbf per <a href="#">Note 11</a>.</b>                | GAFLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFLAS #80 Ultima Base Sheet, GAFLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-AA or SBS-TA                     | PVCX-OB             | -52.5                     |
| LWC-5.                                        | Min. 22 ga., type B, Grade 50 steel; 6 ft span or min. 2,500 psi structural concrete        | Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.                                                                                                      | Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth                                                                                                 | Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck | Fastener located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row | (Optional) SBS-TA                    | PVCX-OB             | -60.0                     |
| LWC-6.                                        | Existing min. 22 ga., type BV steel or min. 2,500 psi structural concrete                   | Re-Roof Only: Min. 300 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note: Fastener withdrawal; min. 88 lbf per <a href="#">Note 11</a>.</b>  | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.)                                                            | 7-inch o.c. at min. 3-inch laps and 7-inch o.c. in two (2), equally spaced, staggered center rows                                                                                       | SBS-CA or SBS-TA                     | PVCX-LMC or PVCX-OB | -75.0                     |
| LWC-7.                                        | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete       | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note: Fastener withdrawal; min. 95 lbf per <a href="#">Note 11</a>.</b>  | Ruberoid 20 Smooth                                                                                                                             | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-TA                               | PVCX-HA             | -82.5                     |
| LWC-8.                                        | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete       | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note: Fastener withdrawal; min. 95 lbf per <a href="#">Note 11</a>.</b>  | GAFLAS #80 Ultima Base Sheet or GAFLAS Stratavent Nailable Venting Base Sheet                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail                                                                          | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-TA                               | PVCX-HA             | -82.5                     |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No.                                                                        | Deck <a href="#">(Note 1)</a>                                                               | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                           | Base Sheet                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         | Roof Cover <a href="#">(Note 15)</a> |                              | MDP <a href="#">(psf)</a> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------|---------------------------|
|                                                                                   |                                                                                             |                                                                                                                                                                                          | Type                                                                                                                                           | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Attach                                                                                                                                                                                  | Base                                 | Cap                          |                           |
| LWC-9.                                                                            | Existing min. 22 ga., type BV, Grade 33 steel or min. 2,500 psi structural concrete         | Re-Roof Only: Min. 2-inch thick pre-existent lightweight concrete. <b>Note:</b> Fastener withdrawal; <b>min. 99 lbf per <a href="#">Note 11</a></b>                                      | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #14 Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Recessed Steel Plate or Drill-Tec #12 DF Fastener (steel only) or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate fastened through LWC to engage steel deck | 6-inch o.c. at min. 3.5-inch laps and 12-inch o.c. in three (3), equally spaced, staggered center rows                                                                                  | SBS-CA or SBS-TA                     | PVCX-LMC or PVCX-OB          | -82.5                     |
| <b>HYBRID SYSTEMS / EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK:</b> |                                                                                             |                                                                                                                                                                                          |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                      |                              |                           |
| LWC-10.                                                                           | Existing min. 22 ga., type BV steel or min. 2,500 psi structural concrete                   | Re-Roof Only: Min. 300 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 88 lbf per <a href="#">Note 11</a></b> .  | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.5-inch o.c. at min. 2-inch laps and 7.5-inch o.c. in one center row                                                                                                                   | SBS-CA or SBS-TA                     | PVCF-LMC, PVCF-XF or PVCF-OB | -45.0                     |
| LWC-11.                                                                           | Existing min. 22 ga., type BV steel or min. 2,500 psi structural concrete                   | Re-Roof Only: Min. 300 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 105 lbf per <a href="#">Note 11</a></b> . | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9-inch o.c. at min. 2-inch laps and 18-inch o.c. in two (2), equally spaced, staggered center rows                                                                                      | SBS-CA or SBS-TA                     | PVCF-LMC, PVCF-XF or PVCF-OB | -45.0                     |
| LWC-12.                                                                           | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. <b>Note:</b> Fastener withdrawal; <b>min. 60 lbf per <a href="#">Note 11</a></b> .                           | GAFLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFLAS #80 Ultima Base Sheet, GAFLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                                                                                                                                                                                                                                                                                                                                                                                                                               | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | (Optional) SBS-AA or SBS-TA          | PVCF-HA                      | -52.5                     |
| LWC-13.                                                                           | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. <b>Note:</b> Fastener withdrawal; <b>min. 60 lbf per <a href="#">Note 11</a></b> .                           | GAFLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFLAS #80 Ultima Base Sheet, GAFLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                                                                                                                                                                                                                                                                                                                                                                                                                               | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-AA or SBS-TA                     | PVCF-XF or PVCF-OB           | -52.5                     |
| LWC-14.                                                                           | Min. 22 ga., type B, Grade 50 steel; 6 ft span or min. 2,500 psi structural concrete        | Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.                                                                                                              | Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth                                                                                                 | Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck                                                                                                                                                                                                                                                                                                                                                                                                     | Fastener located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row | (Optional) SBS-TA                    | PVCF-XF or PVCF-OB           | -60.0                     |
| LWC-15.                                                                           | Existing min. 22 ga., type BV steel or min. 2,500 psi structural concrete                   | Re-Roof Only: Min. 300 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 88 lbf per <a href="#">Note 11</a></b> .  | GAFLAS Stratavent Nailable Venting Base Sheet                                                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7-inch o.c. at min. 3-inch laps and 7-inch o.c. in two (2), equally spaced, staggered center rows                                                                                       | SBS-CA or SBS-TA                     | PVCF-LMC, PVCF-XF or PVCF-OB | -75.0                     |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                                         | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                         | Base Sheet                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                        | Roof Cover <a href="#">(Note 15)</a> |                              | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------|---------------------------|
|            |                                                                                       |                                                                                                                                                                                        | Type                                                                            | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Attach                                                                                                 | Base                                 | Cap                          |                           |
| LWC-16.    | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 95 lbf per <a href="#">Note 11</a>.</b> | Ruberoïd 20 Smooth                                                              | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows          | SBS-TA                               | PVCF-HA or PVCF-XF           | -82.5                     |
| LWC-17.    | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 95 lbf per <a href="#">Note 11</a>.</b> | GAFGLAS #80 Ultima Base Sheet or GAFGLAS Stratavent Nailable Venting Base Sheet | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows          | SBS-TA                               | PVCF-HA or PVCF-XF           | -82.5                     |
| LWC-18.    | Existing min. 22 ga., type BV, Grade 33 steel or min. 2,500 psi structural concrete   | Re-Roof Only: Min. 2-inch thick pre-existent lightweight concrete. <b>Note:</b> Fastener withdrawal, <b>min. 99 lbf per <a href="#">Note 11</a></b>                                    | GAFGLAS Stratavent Nailable Venting Base Sheet                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #14 Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate, Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Recessed Steel Plate or Drill-Tec #12 DF Fastener (steel only) or Drill-Tec #14 DF Fastener with Drill-Tec 3" DF Steel Insulation Plate fastened through LWC to engage steel deck | 6-inch o.c. at min. 3.5-inch laps and 12-inch o.c. in three (3), equally spaced, staggered center rows | SBS-CA or SBS-TA                     | PVCF-LMC, PVCF-XF or PVCF-OB | -82.5                     |

**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a>                   | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                          |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|---------------------------|
|                                                                        |                                                 | Type                                                                                                                                                                                    | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                           |
| CELCORE (FL2037):                                                      |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-19.                                                                | Min. 22 ga., Type BV, Grade 40 steel; 6 ft span | Deck treatment: Celcore S-1 Deck Preparation Slurry<br>LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture<br>Surface treatment: Celcore PVA Curing Compound | 310                             | 2               | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -82.5                     |
| LWC-20.                                                                | Min. 22 ga., Type BV, Grade 40 steel; 6 ft span | Deck treatment: Celcore S-1 Deck Preparation Slurry<br>LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture<br>Surface treatment: Celcore PVA Curing Compound | 310                             | 2               | PVCF-OB                                        | -82.5                     |
| CONCRECEL (FL5584 AND FL10500):                                        |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-21.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Concrecel                                                                                                                                                                               | 290                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-22.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Concrecel                                                                                                                                                                               | 290                             | 2               | PVCX-OB                                        | -52.5                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-23.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Concrecel                                                                                                                                                                               | 290                             | 2               | PVCF-OB                                        | -52.5                     |
| ELASTIZELL (FL4994):                                                   |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-24.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Elastizell                                                                                                                                                                              | 290                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-25.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Elastizell                                                                                                                                                                              | 290                             | 2               | PVCX-OB                                        | -52.5                     |
| LWC-26.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Elastizell                                                                                                                                                                              | 160                             | 3               | PVCX-OB                                        | -60.0                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-27.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Elastizell                                                                                                                                                                              | 290                             | 2               | PVCF-OB                                        | -52.5                     |
| LWC-28.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Elastizell                                                                                                                                                                              | 160                             | 3               | PVCF-OB                                        | -60.0                     |
| MEARLCRETE (FL13492):                                                  |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-29.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Mearlcrete                                                                                                                                                                              | 290                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-30.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Mearlcrete                                                                                                                                                                              | 290                             | 2               | PVCX-OB                                        | -52.5                     |

**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a>                                            | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                     |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|---------------------------|
|                                                                        |                                                                          | Type                                                                                                                                                                               | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                           |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                          |                                                                                                                                                                                    |                                 |                 |                                                |                           |
| LWC-31.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                                                                                                                                                         | 300                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -52.5                     |
| LWC-32.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                                                                                                                                                         | 300                             | 2               | PVCF-OB                                        | -52.5                     |
| LWC-33.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                                                                                                                                                         | 290                             | 2               | PVCF-OB                                        | -52.5                     |
| SIPLAST INSULCEL-PB (NOA 21-1020.03):                                  |                                                                          |                                                                                                                                                                                    |                                 |                 |                                                |                           |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                          |                                                                                                                                                                                    |                                 |                 |                                                |                           |
| LWC-34.                                                                | Min. 22 ga., type B, Grade 80 steel; 6' spans, 5/8" puddle welds 6" o.c. | Inculcel-PB Cellular Lightweight Insulating Concrete                                                                                                                               | 330                             | 2               | PVCF-OB                                        | -67.5                     |
| PRE-EXISTENT CELLULAR LWC:                                             |                                                                          |                                                                                                                                                                                    |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                          |                                                                                                                                                                                    |                                 |                 |                                                |                           |
| LWC-35.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a>.</b> | 180                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-36.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a>.</b> | 180                             | 2               | PVCX-OB                                        | -52.5                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                          |                                                                                                                                                                                    |                                 |                 |                                                |                           |
| LWC-37.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a>.</b> | 180                             | 2               | PVCF-OB                                        | -52.5                     |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a>       |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|---------------------------|
|                                                                        |                               | Type                                                 | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                           |
| CELCORE (FL2037):                                                      |                               |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                      |                                 |                 |                                                |                           |
| LWC-38.                                                                | Structural concrete           | Celcore Cellular Concrete                            | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -300.0                    |
| LWC-39.                                                                | Structural concrete           | Celcore Cellular Concrete                            | 200                             | 2               | PVCX-OB                                        | -300.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                      |                                 |                 |                                                |                           |
| LWC-40.                                                                | Structural concrete           | Celcore Cellular Concrete                            | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -300.0                    |
| LWC-41.                                                                | Structural concrete           | Celcore Cellular Concrete                            | 200                             | 2               | PVCF-OB                                        | -300.0                    |
| CONCRECEL (FL5584 AND FL10500):                                        |                               |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                      |                                 |                 |                                                |                           |
| LWC-42.                                                                | Structural concrete           | Concrecel                                            | 200                             | 2               | PVCX-WB                                        | -225.0                    |
| LWC-43.                                                                | Structural concrete           | Concrecel                                            | 200                             | 2               | PVCX-LM (4-inch o.c.)                          | -225.0                    |
| LWC-44.                                                                | Structural concrete           | Concrecel                                            | 200                             | 2               | PVCX-OB                                        | -225.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                      |                                 |                 |                                                |                           |
| LWC-45.                                                                | Structural concrete           | Concrecel                                            | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -225.0                    |
| LWC-46.                                                                | Structural concrete           | Concrecel                                            | 200                             | 2               | PVCF-OB                                        | -225.0                    |
| ELASTIZELL (FL4994):                                                   |                               |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                      |                                 |                 |                                                |                           |
| LWC-47.                                                                | Structural concrete           | Elastizell                                           | 220                             | 2               | PVCX-WB                                        | -200.0                    |
| LWC-48.                                                                | Structural concrete           | Elastizell                                           | 300                             | 2               | PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.) | -45.0                     |
| LWC-49.                                                                | Structural concrete           | Elastizell                                           | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -210.0                    |
| LWC-50.                                                                | Structural concrete           | Elastizell                                           | 220                             | 2               | PVCX-OB                                        | -200.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                      |                                 |                 |                                                |                           |
| LWC-51.                                                                | Structural concrete           | Elastizell                                           | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -210.0                    |
| LWC-52.                                                                | Structural concrete           | Elastizell                                           | 220                             | 2               | PVCF-OB                                        | -200.0                    |
| SIPLAST INSULCEL (NOA 21-1020.03):                                     |                               |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                      |                                 |                 |                                                |                           |
| LWC-53.                                                                | Structural concrete           | Insulcel                                             | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -270.0                    |
| LWC-54.                                                                | Structural concrete           | Insulcel                                             | 200                             | 2               | PVCX-OB                                        | -270.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                      |                                 |                 |                                                |                           |
| LWC-55.                                                                | Structural concrete           | Insulcel                                             | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -270.0                    |
| LWC-56.                                                                | Structural concrete           | Insulcel                                             | 200                             | 2               | PVCF-OB                                        | -270.0                    |
| LWC-57.                                                                | Structural concrete           | Inculcel-PB Cellular Lightweight Insulating Concrete | 330                             | 2               | PVCF-OB                                        | -302.5                    |
| MEARLCRETE (FL13492):                                                  |                               |                                                      |                                 |                 |                                                |                           |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck (Note 1)       | Lightweight Concrete (Note 14)                                                                                                                                                                                                                                                                                                                                                              |                                 |                 | Roof Cover (Note 15)                                                                                     | MDP (psf) |
|------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|----------------------------------------------------------------------------------------------------------|-----------|
|                                                                        |                     | Type                                                                                                                                                                                                                                                                                                                                                                                        | Min. Compressive Strength (psi) | Min. Thick (in) |                                                                                                          |           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |           |
| LWC-58.                                                                | Structural concrete | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCX-WB                                                                                                  | -205.0    |
| LWC-59.                                                                | Structural concrete | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 730                             | 2               | PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.)                                                           | -45.0     |
| LWC-60.                                                                | Structural concrete | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)                                                           | -270.0    |
| LWC-61.                                                                | Structural concrete | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCX-OB                                                                                                  | -205.0    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |           |
| LWC-62.                                                                | Structural concrete | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                                                           | -270.0    |
| LWC-63.                                                                | Structural concrete | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCF-OB                                                                                                  | -205.0    |
| PRE-EXISTENT CELLULAR LWC:                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |           |
| PVC QUICK SPRAY ADHESIVE APPLICATIONS:                                 |                     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |           |
| LWC-64.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> MCRF, Drill-Tec™ Base Sheet Fastener (1.7 in.), <b>min. 85 lbf per Note 11.</b>                                                                                                                                                                                                                                         | 230                             | 2               | PVC2-QS; total wet rate 4 lbs/square; contact application with ½ to substrate and ½ to membrane backside | -112.5    |
|                                                                        | Note:               | The reported MDP is the allowable maximum design pressure of the new roof cover adhered to the pre-existent LWC, and is irrespective of the performance of the pre-existent LWC (See Note 12). The deck and pre-existent LWC shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction. |                                 |                 |                                                                                                          |           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |           |
| LWC-65.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCX-WB                                                                                                  | -102.5    |
| LWC-66.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCX-LM (4-inch o.c.)                                                                                    | -92.5     |
| LWC-67.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCX-LO (4-inch o.c.)                                                                                    | -112.5    |
| LWC-68.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCX-OB                                                                                                  | -102.5    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |           |
| LWC-69.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCF-LM (4-inch o.c.)                                                                                    | -92.5     |
| LWC-70.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCF-LO (4-inch o.c.)                                                                                    | -112.5    |
| LWC-71.                                                                | Structural concrete | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per Note 11</b>                                                                                                                                                                                                                           | 180                             | 2               | PVCF-OB                                                                                                  | -102.5    |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                                                                                   |                                               | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                           |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>( <a href="#">psf</a> ) |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|
|                                                                                                                           |                                                                | Type                                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> )     | Type                                                                                                                                                                                                                                                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                                |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                                                                    |                                                                |                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-1.                                                                                                                    | Existing min. 2-inch Tectum                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                                                      | OB500                                         | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500                                     | PVC1-BA or PVC1-BA-H                      | -45.0                                          |
| CWF-2.                                                                                                                    | Existing min. 2-inch Tectum                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, Min. 2-inch Styrofoam Brand Roofmate or Highload 60 | OB500                                         | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                             | OB500                                     | PVC1-BA or PVC1-BA-H                      | -45.0                                          |
| CWF-3.                                                                                                                    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                      | OB500, 6-inch o.c. to back-side of insulation | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500, 6-inch o.c.                        | PVC1-BA or PVC1-BA-H                      | -82.5                                          |
| CWF-4.                                                                                                                    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                                        | OB500, 6-inch o.c. to back-side of insulation | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 2-inch EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                          | OB500, 6-inch o.c.                        | PVC1-BA or PVC1-BA-H                      | -127.5                                         |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS: |                                                                |                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-5.                                                                                                                    | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                                              | OB500                                         | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                      | -45.0                                          |
| CWF-6.                                                                                                                    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                      | OB500, 6-inch o.c. to back-side of insulation | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500, 6-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -82.5                                          |
| CWF-7.                                                                                                                    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                                        | OB500, 6-inch o.c. to back-side of insulation | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 2-inch EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                          | OB500, 6-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -127.5                                         |
| EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:                                                            |                                                                |                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-8.                                                                                                                    | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                            | OB500                                         | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                  | OB500                                     | PVC2-QL                                   | -45.0                                          |
| CWF-9.                                                                                                                    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                      | OB500, 6-inch o.c. to back-side of insulation | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500, 6-inch o.c.                        | PVC2-QL                                   | -90.0                                          |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                            |                                               | Top Insulation Layer                                                                                                                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                               |                                                                | Type                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> )     | Type                                                                                                                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| CWF-10.                                                                       | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500, 6-inch o.c. to back-side of insulation | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 2-inch EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                     | OB500, 6-inch o.c.                        | PVC2-QL                                   | -127.5       |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b>                                 |                                                                |                                                                                                  |                                               |                                                                                                                                                                                                                                                                                           |                                           |                                           |              |
| CWF-11.                                                                       | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                     | OB500                                         | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0        |
| CWF-12.                                                                       | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | OB500, 6-inch o.c. to back-side of insulation | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                           | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -90.0        |
| CWF-13.                                                                       | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500, 6-inch o.c. to back-side of insulation | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 2-inch EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                     | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -127.5       |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                              |                                                                |                                                                                                  |                                               |                                                                                                                                                                                                                                                                                           |                                           |                                           |              |
| CWF-14.                                                                       | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | OB500                                         | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                           | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0        |
| CWF-15.                                                                       | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | OB500                                         | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                           | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0        |
| CWF-16.                                                                       | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | OB500                                         | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                                            | OB500                                     | PVCX-LM, 12-inch o.c.                     | -45.0        |
| CWF-17.                                                                       | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                       | LRF-M                                         | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                           | LRF-M                                     | PVCX-LM, 12-inch o.c.                     | -45.0        |
| CWF-18.                                                                       | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | OB500, 6-inch o.c. to back-side of insulation | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                           | OB500, 6-inch o.c.                        | PVCX-LM 4-inch o.c., PVCX-LMC or PVCX-OB  | -67.5        |
| CWF-19.                                                                       | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500, 6-inch o.c. to back-side of insulation | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 2-inch EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                     | OB500, 6-inch o.c.                        | PVCX-LM 4-inch o.c., PVCX-LMC or PVCX-OB  | -127.5       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                                |                                                                                                  |                                               |                                                                                                                                                                                                                                                                                           |                                           |                                           |              |
| CWF-20.                                                                       | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                                       | OB500                                         | (Optional) Additional layers base insulation                                                                                                                                                                                                                                              | OB500                                     | PVCF-LO, 12-inch o.c.                     | -45.0        |
| CWF-21.                                                                       | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | OB500                                         | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                           | OB500                                     | PVCF-LO, 12-inch o.c.                     | -45.0        |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                            |                                               | Top Insulation Layer                                                                                                  |                                           | Roof Cover<br>( <a href="#">Note 15</a> )                              | MDP<br>(psf) |
|------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------|--------------|
|            |                                                                | Type                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> )     | Type                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                                        |              |
| CWF-22.    | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation                                                       | LRF-M                                         | (Optional) Additional layers base insulation                                                                          | LRF-M                                     | PVCF-LM, 12-inch o.c.                                                  | -45.0        |
| CWF-23.    | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation                                            | LRF-M                                         | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                    | LRF-M                                     | PVCF-LM, 12-inch o.c.                                                  | -45.0        |
| CWF-24.    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | OB500, 6-inch o.c. to back-side of insulation | (Optional) Additional layers of base insulation                                                                       | OB500, 6-inch o.c.                        | PVCF-LM 4-inch o.c., PVCF-LO 4-inch o.c., PVCF-LMC, PVCF-OB or PVCF-XF | -67.5        |
| CWF-25.    | New or existing (reroof) Min. 2-inch Tectum I Plank            | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500, 6-inch o.c. to back-side of insulation | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 2-inch EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                        | PVCF-LM 4-inch o.c., PVCF-LO 4-inch o.c., PVCF-LMC, PVCF-OB or PVCF-XF | -127.5       |

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Deck ( <a href="#">Note 1</a> ) | Primer | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf) |
|------------|---------------------------------|--------|----------------------------------------|-----------|
| CWF-26.    | Min. 2-inch Tectum Plank        | None   | PVCF-OB or PVCF-XF                     | -502.5    |

**TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                | Deck (Note 1 & 12)   | Base Insulation Layer                                                                              |                      | Top Insulation Layer                                                               |                      | Roof Cover (Note 15)         | MDP (psf) |
|---------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|----------------------|------------------------------|-----------|
|                                                                                                                           |                      | Type                                                                                               | Attach (Notes 6,7,8) | Type                                                                               | Attach (Notes 6,7,8) |                              |           |
| EVERGUARD PVC SMOOTH APPLICATIONS:                                                                                        |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-1.                                                                                                                      | Existing gypsum deck | Min. 1-inch EnergyGuard RH                                                                         | LRF-M                | None                                                                               | N/A                  | EverGuard PVC Smooth / #2331 | -352.5    |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS: |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-2.                                                                                                                      | Existing gypsum deck | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                   | OB500                | PVC2-BA or PVC2-BA-H         | -120.0    |
| G-3.                                                                                                                      | Existing gypsum deck | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                       | OB500                | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                   | OB500                | PVC2-BA or PVC2-BA-H         | -130.0    |
| G-4.                                                                                                                      | Existing gypsum deck | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                            | OB500                | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                | PVC2-BA or PVC2-BA-H         | -135.0    |
| G-5.                                                                                                                      | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | OB500                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                | PVC2-BA or PVC2-BA-H         | -165.0    |
| G-6.                                                                                                                      | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | OB500                | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                | PVC2-BA or PVC2-BA-H         | -187.5    |
| G-7.                                                                                                                      | Existing gypsum deck | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                | (Optional) Additional layer of base insulation                                     | OB500                | PVC2-BA or PVC2-BA-H         | -210.0    |
| EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:                                                            |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-8.                                                                                                                      | Existing gypsum deck | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC2-QL                      | -120.0    |
| G-9.                                                                                                                      | Existing gypsum deck | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                       | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC2-QL                      | -130.0    |
| G-10.                                                                                                                     | Existing gypsum deck | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                            | OB500                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                    | OB500                | PVC2-QL                      | -135.0    |
| G-11.                                                                                                                     | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | OB500                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                | PVC2-QL                      | -165.0    |
| G-12.                                                                                                                     | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | OB500                | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                | PVC2-QL                      | -187.5    |
| G-13.                                                                                                                     | Existing gypsum deck | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                       | OB500                | (Optional) Additional layer of base insulation                                     | OB500                | PVC2-QL                      | -210.0    |
| PVC QUICK SPRAY ADHESIVE APPLICATIONS:                                                                                    |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-14.                                                                                                                     | Existing gypsum deck | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC1-QS or PVC2-QS           | -120.0    |
| G-15.                                                                                                                     | Existing gypsum deck | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                       | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC1-QS or PVC2-QS           | -130.0    |
| G-16.                                                                                                                     | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | OB500                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                | PVC1-QS or PVC2-QS           | -165.0    |
| G-17.                                                                                                                     | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | OB500                | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                | PVC1-QS or PVC2-QS           | -187.5    |
| G-18.                                                                                                                     | Existing gypsum deck | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                       | OB500                | (Optional) Additional layer of base insulation                                     | OB500                | PVC1-QS or PVC2-QS           | -210.0    |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                                                                                 |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |

**TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck (Note 1 & 12)   | Base Insulation Layer                      |                      | Top Insulation Layer                            |                      | Roof Cover (Note 15) | MDP (psf) |
|------------|----------------------|--------------------------------------------|----------------------|-------------------------------------------------|----------------------|----------------------|-----------|
|            |                      | Type                                       | Attach (Notes 6,7,8) | Type                                            | Attach (Notes 6,7,8) |                      |           |
| G-19.      | Existing gypsum deck | Min. 1-inch EnergyGuard RA, EnergyGuard RH | OB500                | (Optional) Additional layers of base insulation | OB500                | PVCX-LM, 6-inch o.c. | -45.0     |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                   | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                                       | Top Insulation Layer                                                                                                                                                                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>(psf) |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------|
|                                              |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                              |
| EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS: |                                    |                                                                                                      |                                                                                 |                                       |                                                                                                                                                                                                                                            |                                           |                                        |                              |
| G-20.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                                                            | LRF-M                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-21.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                                                            | LRF-M                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-22.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-23.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-24.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-25.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-26.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-27.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC1-BA or PVC1-BA-H                   | -45.0*                       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                       | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                                       | Top Insulation Layer                                                                                                                                                                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                                                                                                  |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| G-28.                                                                                                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board | OB500                                     | PVC1-BA or PVC1-BA-H                   | -45.0*       |
| G-29.                                                                                                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                     | PVC1-BA or PVC1-BA-H                   | -45.0*       |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS:</b> |                                    |                                                                                                      |                                                                                 |                                       |                                                                                                                                                                                                                                            |                                           |                                        |              |
| G-30.                                                                                                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                                                            | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-31.                                                                                                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                                                            | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-32.                                                                                                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board                                                    | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-33.                                                                                                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board                                                    | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-34.                                                                                                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-35.                                                                                                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-36.                                                                                                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-37.                                                                                                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                                       | Top Insulation Layer                                                                                                                                                                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-----------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------|
|                                                                       |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| G-38.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| G-39.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                     | PVC2-BA or PVC2-BA-H                   | -45.0*       |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                    |                                                                                                      |                                                                                 |                                       |                                                                                                                                                                                                                                            |                                           |                                        |              |
| G-40.                                                                 | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | LRF-M                                     | PVC2-QL                                | -45.0*       |
| G-41.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | LRF-M                                     | PVC2-QL                                | -45.0*       |
| G-42.                                                                 | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                     | LRF-M                                     | PVC2-QL                                | -45.0*       |
| G-43.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                     | LRF-M                                     | PVC2-QL                                | -45.0*       |
| G-44.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                          | LRF-M                                     | PVC2-QL                                | -45.0*       |
| G-45.                                                                 | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | OB500                                     | PVC2-QL                                | -45.0*       |
| G-46.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | OB500                                     | PVC2-QL                                | -45.0*       |
| G-47.                                                                 | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | OB500                                     | PVC2-QL                                | -45.0*       |
| G-48.                                                                 | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | OB500                                     | PVC2-QL                                | -45.0*       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                       | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                                       | Top Insulation Layer                                                                                                                                                  |                                           | Roof Cover ( <a href="#">Note 15</a> )                    | MDP<br>(psf) |
|--------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|--------------|
|                                                  |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                           |              |
| G-49.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | OB500                                     | PVC2-QL                                                   | -45.0*       |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b>    |                                    |                                                                                                      |                                                                                 |                                       |                                                                                                                                                                       |                                           |                                                           |              |
| G-50.                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | LRF-M                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-51.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | LRF-M                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-52.                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime                                                    | LRF-M                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-53.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime                                                    | LRF-M                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-54.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime                                                                                                                                         | LRF-M                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-55.                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-56.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-57.                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime | OB500                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-58.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime | OB500                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-59.                                            | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime                                                                                                                                         | OB500                                     | PVC1-QS or PVC2-QS                                        | -45.0*       |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                                    |                                                                                                      |                                                                                 |                                       |                                                                                                                                                                       |                                           |                                                           |              |
| G-60.                                            | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                       | LRF-M                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)     | Base Insulation Layer                                                                                |                                                                                 |                     | Top Insulation Layer                                                                                                                                                                                      |                         | Roof Cover (Note 15)                                      | MDP<br>(psf) |
|------------|----------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------|--------------|
|            |                      | Type                                                                                                 | Fasten (Note 11)                                                                | Attach<br>(Note 17) | Type                                                                                                                                                                                                      | Attach<br>(Notes 6,7,8) |                                                           |              |
| G-61.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                           | LRF-M                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-62.      | Existing gypsum deck | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-63.      | Existing gypsum deck | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                       | LRF-M                   | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| G-64.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-65.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                       | LRF-M                   | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| G-66.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²       | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-67.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²       | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                            | LRF-M                   | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| G-68.      | Existing gypsum deck | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²       | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                        | OB500                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-69.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                        | OB500                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-70.      | Existing gypsum deck | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-71.      | Existing gypsum deck | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                   | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| G-72.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                                       | Top Insulation Layer                                                                                                                                                                         |                                           | Roof Cover ( <a href="#">Note 15</a> )                    | MDP<br>(psf) |
|-------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|--------------|
|                                                                               |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach<br>( <a href="#">Note 17</a> ) | Type                                                                                                                                                                                         | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                           |              |
| G-73.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board       | OB500                                     | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| G-74.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-75.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                               | OB500                                     | PVCX-LM (12-inch o.c.)                                    | -45.0*       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                    |                                                                                                      |                                                                                 |                                       |                                                                                                                                                                                              |                                           |                                                           |              |
| G-76.                                                                         | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| G-77.                                                                         | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*       |
| G-78.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| G-79.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²                         | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*       |
| G-80.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | LRF-M                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| G-81.                                                                         | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²                         | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                               | LRF-M                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*       |
| G-82.                                                                         | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| G-83.                                                                         | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft²                         | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*       |

**TABLE 6b: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)     | Base Insulation Layer                                                                              |                                                                                 |                     | Top Insulation Layer                                                                                                                                                                         |                         | Roof Cover (Note 15)                                      | MDP<br>(psf) |
|------------|----------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------|--------------|
|            |                      | Type                                                                                               | Fasten (Note 11)                                                                | Attach<br>(Note 17) | Type                                                                                                                                                                                         | Attach<br>(Notes 6,7,8) |                                                           |              |
| G-84.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| G-85.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft²       | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                   | PVCF-LM (12-inch o.c.)                                    | -45.0*       |
| G-86.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²       | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| G-87.      | Existing gypsum deck | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft²       | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                               | OB500                   | PVCF-LM (12-inch o.c.)                                    | -45.0*       |

**TABLE 6c: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                                                | Deck<br>( <a href="#">Note 1</a> ) | Base Layer<br>( <a href="#">Note 3</a> , <a href="#">Note 13</a> ) | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                     |                                       | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>(psf) |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|------------------------------|
|                                                                                                                           |                                    |                                                                    | Type                                                                                                                                                                             | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                                                | Attach<br>( <a href="#">Note 17</a> ) |                                        |                              |
| EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS:                                                                              |                                    |                                                                    |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                                       |                                        |                              |
| G-88.                                                                                                                     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft²                         | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-89.                                                                                                                     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment); 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft²                         | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| G-90.                                                                                                                     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 2-inch EnergyGuard RH                                                                                                                                                       | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.9 ft²                         | PVC1-BA or PVC1-BA-H                   | -45.0*                       |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS: |                                    |                                                                    |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                                       |                                        |                              |
| G-91.                                                                                                                     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft²                         | PVC2-BA or PVC2-BA-H                   | -45.0*                       |
| G-92.                                                                                                                     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 4.0 ft²                         | PVC2-BA or PVC2-BA-H                   | -45.0*                       |

**TABLE 6c: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>(Note 1)     | Base Layer<br>(Note 3, Note 13)                | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                     |                           | Roof Cover (Note 15)                                      | MDP<br>(psf) |
|-------------------------------------------------------------------------------|----------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------|--------------|
|                                                                               |                      |                                                | Type                                                                                                                                                                             | Fastener (Note 11)                                                                                                                                                                                                  | Attach<br>(Note 17)       |                                                           |              |
| G-93.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)                                                                                                                    | 1 per 1.3 ft <sup>2</sup> | PVC2-BA or PVC2-BA-H                                      | -52.5        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b>         |                      |                                                |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                           |                                                           |              |
| G-94.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft <sup>2</sup> | PVC2-QL                                                   | -45.0*       |
| G-95.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 4.0 ft <sup>2</sup> | PVC2-QL                                                   | -45.0*       |
| G-96.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)                                                                                                                    | 1 per 1.3 ft <sup>2</sup> | PVC2-QL                                                   | -52.5        |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b>                                 |                      |                                                |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                           |                                                           |              |
| G-97.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft <sup>2</sup> | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-98.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 4.0 ft <sup>2</sup> | PVC1-QS or PVC2-QS                                        | -45.0*       |
| G-99.                                                                         | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)                                                                                                                    | 1 per 1.3 ft <sup>2</sup> | PVC1-QS or PVC2-QS                                        | -52.5        |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                              |                      |                                                |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                           |                                                           |              |
| G-100.                                                                        | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-101.                                                                        | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment); 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| G-102.                                                                        | Existing gypsum deck | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard RH                                                                                                                                                       | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.9 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                      |                                                |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                           |                                                           |              |

**TABLE 6C: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Layer<br>( <a href="#">Note 3</a> , <a href="#">Note 13</a> ) | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                     |                                       | Roof Cover ( <a href="#">Note 15</a> )                                      | MDP<br>(psf) |
|------------|------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------|--------------|
|            |                                    |                                                                    | Type                                                                                                                                                             | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                                                | Attach<br>( <a href="#">Note 17</a> ) |                                                                             |              |
| G-103.     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft <sup>2</sup>             | PVCF-WB, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| G-104.     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment); 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>             | PVCF-WB, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| G-105.     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.9 ft <sup>2</sup>             | PVCF-LM or PVCF-LO, 12-inch o.c.                                            | -45.0*       |
| G-106.     | Existing gypsum deck               | (Optional) One or more layers, any combination                     | Min. 2-inch EnergyGuard Polyiso Insulation                                                                                                                       | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)                                                                                                                         | 1 per 1.3 ft <sup>2</sup>             | PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB            | -52.5        |

**TABLE 6D: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Deck ( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Surface Preparation | Primer | Roof Cover ( <a href="#">Note 15</a> ) |                       | MDP (psf) |
|------------|-------------------------------------------------------------|---------------------|--------|----------------------------------------|-----------------------|-----------|
|            |                                                             |                     |        | Base Ply                               | Cap Ply               |           |
| G-107.     | Existing gypsum deck                                        | None                | None   | None                                   | PVCX-LM, 12-inch o.c. | -45.0     |
| G-108.     | Existing gypsum deck                                        | None                | None   | None                                   | PVCX-LO, 6-inch o.c.  | -45.0     |
| G-109.     | Existing poured gypsum                                      | None                | None   | None                                   | PVCX-OB or PVCF-OB    | -280.0    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                             | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP (psf)</a> <sup>A</sup> |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------------|
|                                                        |                                                                                                                 | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                        |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                                                                 |                                                                                         |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                                        |
| R-1.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA or PVC1-BA-H                      | -45.0                                  |
| R-2.                                                   | Existing smooth-surfaced BUR                                                                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA or PVC1-BA-H                      | -75.0                                  |
| R-3.                                                   | Existing smooth-surfaced BUR                                                                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board                                                                                                                              | LRF-M                                     | PVC1-BA or PVC1-BA-H                      | -75.0                                  |
| R-4.                                                   | Existing smooth surfaced BUR or granule surfaced roof cover                                                     | (Optional) Min. 1.5-inch EnergyGuard RH                                                 | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-BA or PVC1-BA-H                      | -75.0                                  |
| R-5.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                     | PVC1-BA or PVC1-BA-H                      | -165.0                                 |
| R-6.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | (Optional) Min. 0.5-inch EnergyGuard Ultra                                              | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                                     | PVC1-BA or PVC1-BA-H                      | -187.5                                 |
| R-7.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA or PVC1-BA-H                      | -225.0                                 |
| R-8.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | LRF-M                                     | PVC1-BA or PVC1-BA-H                      | -202.5                                 |
| R-9.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                                | LRF-M                                     | PVC1-BA or PVC1-BA-H                      | -225.0                                 |
| R-10.                                                  | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                     | LRF-M Canister                            | PVC1-BA or PVC1-BA-H                      | -75.0                                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                               |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                 | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-11.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-M Canister                            | PVC1-BA or PVC1-BA-H                      | -165.0                    |
| R-12.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M Canister                            | PVC1-BA or PVC1-BA-H                      | -202.5                    |
| R-13.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M Canister                            | None                                                                                               | N/A                                       | PVC1-BA or PVC1-BA-H                      | -225.0                    |
| R-14.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH            | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                      | LRF-M Canister                            | PVC1-BA or PVC1-BA-H                      | -225.0                    |
| R-15.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | LRF-XF                                    | None                                                                                               | N/A                                       | PVC1-BA or PVC1-BA-H                      | -45.0                     |
| R-16.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -165.0                    |
| R-17.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -165.0                    |
| R-18.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Ultra                                              | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                        | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -180.0                    |
| R-19.      | Existing smooth-surfaced BUR or smooth-surfaced modified bitumen                                                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | None                                                                                               | N/A                                       | PVC1-BA or PVC1-BA-H                      | -180.0                    |
| R-20.      | Existing smooth-surfaced BUR or smooth-surfaced modified bitumen                                                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -180.0                    |
| R-21.      | Existing granule-surfaced cap membrane                                                                          | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -202.5                    |
| R-22.      | Existing granule-surfaced cap membrane                                                                          | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                        | LRF-XF                                    | PVC1-BA or PVC1-BA-H                      | -225.0                    |
| R-23.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | OB500                                     | None                                                                                               | N/A                                       | PVC1-BA or PVC1-BA-H                      | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                                                       | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                                                  |                                                                                                                                                                        | Type                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-24.                                                                                                                            | Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover                                                                                     | (Optional) Min. 1.5-inch EnergyGuard RH                                              | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-BA or PVC1-BA-H                      | -97.5                     |
| R-25.                                                                                                                            | Existing asphaltic BUR or mineral surfaced cap sheet                                                                                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVC1-BA or PVC1-BA-H                      | -120.0                    |
| R-26.                                                                                                                            | Existing asphaltic BUR or mineral surfaced cap sheet                                                                                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                              | OB500                                     | PVC1-BA or PVC1-BA-H                      | -120.0                    |
| R-27.                                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                              | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500                                     | PVC1-BA or PVC1-BA-H                      | -165.0                    |
| R-28.                                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Ultra                                           | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | OB500                                     | PVC1-BA or PVC1-BA-H                      | -187.5                    |
| R-29.                                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                 | OB500                                     | PVC1-BA or PVC1-BA-H                      | -202.5                    |
| R-30.                                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA or PVC1-BA-H                      | -225.0                    |
| R-31.                                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                                | OB500                                     | PVC1-BA or PVC1-BA-H                      | -225.0                    |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE OR EVERGUARD #2331 BONDING ADHESIVE H APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                      |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                           |
| R-32.                                                                                                                            | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                     | hot asphalt                               | PVC2-BA or PVC2-BA-H                      | -45.0                     |
| R-33.                                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC2-BA or PVC2-BA-H                      | -45.0                     |
| R-34.                                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                         | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -110.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-35.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -110.0                    |
| R-36.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -157.5                    |
| R-37.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M, 6-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -157.5                    |
| R-38.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M, 4-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -187.5                    |
| R-39.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -200.0                    |
| R-40.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -75.0                     |
| R-41.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | LRF-M                                     | PVC2-BA                                   | -82.5                     |
| R-42.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck, DEXcell FA Glass Mat Roof Board Prime or SECUROCK Gypsum-Fiber Roof Board                                                                             | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -75.0                     |
| R-43.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -165.0                    |
| R-44.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Ultra                                              | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -187.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                                  |                                           | Top Insulation Layer                                                                                                                        |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                                   | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-45.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-M                                     | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVC2-BA or PVC2-BA-H                      | -225.0                    |
| R-46.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                                | LRF-M<br>Canister                         | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                 | LRF-M<br>Canister                         | PVC2-BA or PVC2-BA-H                      | -75.0                     |
| R-47.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                                | LRF-M<br>Canister                         | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                   | LRF-M<br>Canister                         | PVC2-BA or PVC2-BA-H                      | -165.0                    |
| R-48.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                           | LRF-M<br>Canister                         | (Optional) Additional layer of base insulation                                                                                              | LRF-M<br>Canister                         | PVC2-BA or PVC2-BA-H                      | -200.0                    |
| R-49.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                                                         | LRF-M<br>Canister                         | None                                                                                                                                        | N/A                                       | PVC2-BA or PVC2-BA-H                      | -225.0                    |
| R-50.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                                | LRF-M<br>Canister                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                           | LRF-M<br>Canister                         | PVC2-BA or PVC2-BA-H                      | -225.0                    |
| R-51.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                     | LRF-XF                                    | None                                                                                                                                        | N/A                                       | PVC2-BA or PVC2-BA-H                      | -45.0                     |
| R-52.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                           | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                                              | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -110.0                    |
| R-53.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                  | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -110.0                    |
| R-54.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                           | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                                                                              | LRF-XF, 6-inch o.c.                       | PVC2-BA or PVC2-BA-H                      | -157.5                    |
| R-55.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                  | LRF-XF, 6-inch o.c.                       | PVC2-BA or PVC2-BA-H                      | -157.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                                  |                                           | Top Insulation Layer                                                                                                                        |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                                   | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-56.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                 | LRF-XF, 4-inch o.c.                       | PVC2-BA or PVC2-BA-H                      | -187.5                    |
| R-57.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                           | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                                                                              | LRF-XF, 4-inch o.c.                       | PVC2-BA or PVC2-BA-H                      | -200.0                    |
| R-58.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                   | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -165.0                    |
| R-59.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                                             | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                 | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -180.0                    |
| R-60.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                                     | LRF-XF                                    | (Optional) Additional layers base insulation                                                                                                | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -180.0                    |
| R-61.      | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                                              | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -222.5                    |
| R-62.      | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                                              | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -262.5                    |
| R-63.      | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                                              | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -270.0                    |
| R-64.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                                                           | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                            | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -130.0                    |
| R-65.      | Existing smooth-surfaced modified bitumen                                                                                                                              | (Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                                                  | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                          | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -222.5                    |
| R-66.      | Existing granule-surfaced cap membrane                                                                                                                                 | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-XF                                    | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -225.0                    |
| R-67.      | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-XF                                    | None                                                                                                                                        | N/A                                       | PVC2-BA or PVC2-BA-H                      | -245.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                              |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-68.      | Existing smooth-surface BUR or granule surface modified bitumen                                                                                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                         | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | PVC2-BA or PVC2-BA-H                      | -247.5                    |
| R-69.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | None                                                                                       | N/A                                       | PVC2-BA or PVC2-BA-H                      | -45.0                     |
| R-70.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                       | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVC2-BA or PVC2-BA-H                      | -110.0                    |
| R-71.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                            | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                      | -110.0                    |
| R-72.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch EnergyGuard Ultra                                                    | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVC2-BA or PVC2-BA-H                      | -120.0                    |
| R-73.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard Ultra                                         | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                      | -120.0                    |
| R-74.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                       | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                             | OB500, 6-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -157.5                    |
| R-75.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                            | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500, 6-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -157.5                    |
| R-76.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                            | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                | OB500, 4-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -187.5                    |
| R-77.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                       | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                             | OB500, 4-inch o.c.                        | PVC2-BA or PVC2-BA-H                      | -200.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                            | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                               |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                       |                                                                                                                                                                        | Type                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-78.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                             | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA or PVC2-BA-H                      | -97.5                     |
| R-79.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                | OB500                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                   | -82.5                     |
| R-80.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                                                  | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA or PVC2-BA-H                      | -45.0                     |
| R-81.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                         | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA or PVC2-BA-H                      | -120.0                    |
| R-82.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                  | OB500                                     | PVC2-BA or PVC2-BA-H                      | -225.0                    |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                                                     |                                           |                                                                                                                                                                                           |                                           |                                           |                           |
| R-83.                                                                 | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA                                                                                                                        | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC2-QL                                   | -45.0                     |
| R-84.                                                                 | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                                                                                          | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                   | -45.0                     |
| R-85.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC2-QL                                   | -110.0                    |
| R-86.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                   | -110.0                    |
| R-87.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                        |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                         | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-88.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                      | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-89.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                 | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC2-QL                                   | -200.0                    |
| R-90.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH      | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-QL                                   | -75.0                     |
| R-91.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                 | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | LRF-M                                     | PVC2-QL                                   | -75.0                     |
| R-92.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                      | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                   | -75.0                     |
| R-93.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                      | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                   | -165.0                    |
| R-94.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M                                     | PVC2-QL                                   | -225.0                    |
| R-95.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | LRF-M Canister                            | PVC2-QL                                   | -75.0                     |
| R-96.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH      | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVC2-QL                                   | -165.0                    |
| R-97.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                 | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                            | PVC2-QL                                   | -200.0                    |
| R-98.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                               | LRF-M Canister                            | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                   | -225.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                              |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                              | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-99.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVC2-QL                                   | -225.0                    |
| R-100.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                              | LRF-XF                                    | None                                                              | N/A                                       | PVC2-QL                                   | -45.0                     |
| R-101.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layer of base insulation                    | LRF-XF                                    | PVC2-QL                                   | -110.0                    |
| R-102.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation         | LRF-XF                                    | PVC2-QL                                   | -110.0                    |
| R-103.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                    | LRF-XF, 6-inch o.c.                       | PVC2-QL                                   | -157.5                    |
| R-104.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation         | LRF-XF, 6-inch o.c.                       | PVC2-QL                                   | -157.5                    |
| R-105.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                    | LRF-XF, 4-inch o.c.                       | PVC2-QL                                   | -200.0                    |
| R-106.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation         | LRF-XF                                    | PVC2-QL                                   | -165.0                    |
| R-107.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layers base insulation                      | LRF-XF                                    | PVC2-QL                                   | -180.0                    |
| R-108.     | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layer of base insulation                    | LRF-XF                                    | PVC2-QL                                   | -222.5                    |
| R-109.     | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layer of base insulation                    | LRF-XF                                    | PVC2-QL                                   | -262.5                    |
| R-110.     | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layer of base insulation                    | LRF-XF                                    | PVC2-QL                                   | -270.0                    |
| R-111.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                            | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                     | LRF-XF                                    | PVC2-QL                                   | -130.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-112.     | Existing smooth-surfaced modified bitumen                                                                                                                              | (Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH                                   | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                   | -222.5                    |
| R-113.     | Existing granule-surfaced cap membrane                                                                                                                                 | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation        | LRF-XF                                    | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                | LRF-XF                                    | PVC2-QL                                   | -225.0                    |
| R-114.     | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                         | LRF-XF                                    | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                   | -245.0                    |
| R-115.     | Existing smooth-surface BUR or granule surface modified bitumen                                                                                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                              | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                   | -247.5                    |
| R-116.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation                                              | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                   | -45.0                     |
| R-117.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC2-QL                                   | -110.0                    |
| R-118.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC2-QL                                   | -110.0                    |
| R-119.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-120.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-121.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 4-inch o.c.                        | PVC2-QL                                   | -200.0                    |
| R-122.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-QL                                   | -97.5                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                    | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                       |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                               |                                                                                                                                                                        | Type                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-123.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                          | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                   | -45.0                     |
| R-124.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                   | -120.0                    |
| R-125.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                               | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | OB500                                     | PVC2-QL                                   | -225.0                    |
| <b>PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                             |                                           |                                                                                                                                                                                           |                                           |                                           |                           |
| R-126.                                        | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA                                                                                | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-127.                                        | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-128.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-129.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                     | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-130.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-131.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                     | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-132.                                        | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC1-QS or PVC2-QS                        | -200.0                    |
| R-133.                                        | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                     | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                        | -75.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                        |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-134.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime                                                    | LRF-M                                     | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-135.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                   | LRF-M                                     | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-136.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                   | LRF-M                                     | PVC1-QS or PVC2-QS                        | -165.0                    |
| R-137.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation        | LRF-M                                     | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime                      | LRF-M                                     | PVC1-QS or PVC2-QS                        | -210.0                    |
| R-138.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-M<br>Canister                         | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-139.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M<br>Canister                         | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                   | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                        | -165.0                    |
| R-140.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M<br>Canister                         | (Optional) Additional layer of base insulation                                              | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                        | -200.0                    |
| R-141.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                          | LRF-M<br>Canister                         | None                                                                                        | N/A                                       | PVC1-QS or PVC2-QS                        | -225.0                    |
| R-142.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M<br>Canister                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                           | LRF-M<br>Canister                         | PVC1-QS or PVC2-QS                        | -225.0                    |
| R-143.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                              | LRF-XF                                    | None                                                                                        | N/A                                       | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-144.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layer of base insulation                                              | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-145.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                   | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-146.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                              | LRF-XF, 6-inch o.c.                       | PVC1-QS or PVC2-QS                        | -157.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                            |                                           | Top Insulation Layer                                                   |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                   | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-147.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                          | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation              | LRF-XF, 6-inch o.c.                       | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-148.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                     | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                         | LRF-XF, 4-inch o.c.                       | PVC1-QS or PVC2-QS                        | -200.0                    |
| R-149.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                          | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation              | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -165.0                    |
| R-150.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation                                     | LRF-XF                                    | (Optional) Additional layers base insulation                           | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -180.0                    |
| R-151.     | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                     | LRF-XF                                    | (Optional) Additional layer of base insulation                         | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -222.5                    |
| R-152.     | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation                                     | LRF-XF                                    | (Optional) Additional layer of base insulation                         | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -262.5                    |
| R-153.     | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                     | LRF-XF                                    | (Optional) Additional layer of base insulation                         | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -270.0                    |
| R-154.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                     | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                          | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -130.0                    |
| R-155.     | Existing granule-surfaced cap membrane                                                                                                                                 | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation | LRF-XF                                    | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -210.0                    |
| R-156.     | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                  | LRF-XF                                    | None                                                                   | N/A                                       | PVC1-QS or PVC2-QS                        | -245.0                    |
| R-157.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation                                       | OB500                                     | None                                                                   | N/A                                       | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-158.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                     | OB500                                     | (Optional) Additional layer of base insulation                         | OB500                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-159.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                          | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation              | OB500                                     | PVC1-QS or PVC2-QS                        | -110.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                 | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                       |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                            |                                                                                                                                                                        | Type                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-160.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                                                                  | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-161.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                     | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-162.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                                                                  | OB500, 4-inch o.c.                        | PVC1-QS or PVC2-QS                        | -200.0                    |
| R-163.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                     | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                       | OB500                                     | PVC1-QS or PVC2-QS                        | -97.5                     |
| R-164.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                          | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                   | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-165.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                   | OB500                                     | PVC1-QS or PVC2-QS                        | -120.0                    |
| R-166.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                               | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                        | -210.0                    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:</b> |                                                                                                                                                                        |                                                                                                             |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                           |
| R-167.                                                                     | Existing smooth-surfaced BUR                                                                                                                                           | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                        | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                   | -75.0                     |
| R-168.                                                                     | Existing smooth surfaced BUR or granule surfaced roof cover                                                                                                            | (Optional) Min. 1.5-inch EnergyGuard RH                                                                     | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                   | -75.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                              | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                         |                                                                                                                 | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-169.                                                                                                  | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                   | -90.0                     |
| R-170.                                                                                                  | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                            | PVCX-WB                                   | -75.0                     |
| R-171.                                                                                                  | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                                                                  | N/A                                       | PVCX-WB                                   | -90.0                     |
| R-172.                                                                                                  | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                               | LRF-M Canister                            | PVCX-WB                                   | -90.0                     |
| R-173.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | LRF-XF                                    | PVCX-WB                                   | -90.0                     |
| R-174.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | OB500                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                   | -90.0                     |
| R-175.                                                                                                  | Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover                              | (Optional) Min. 1.5-inch EnergyGuard RH                                                 | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCX-WB                                   | -97.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:</b> |                                                                                                                 |                                                                                         |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                           |
| R-176.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVCF-WB                                   | -45.0                     |
| R-177.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVCF-WB                                   | -75.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                    |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-178.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVCF-WB                                   | -110.0                    |
| R-179.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M                                     | PVCF-WB                                   | -110.0                    |
| R-180.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-181.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-182.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M, 4-inch o.c.                        | PVCF-WB                                   | -187.5                    |
| R-183.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVCF-WB                                   | -200.0                    |
| R-184.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) 0.5-inch EnergyGuard Polyiso Insulation or min. Min. 1.5-inch EnergyGuard RH                                  | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-WB                                   | -75.0                     |
| R-185.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVCF-WB                                   | -157.5                    |
| R-186.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVCF-WB                                   | -187.5                    |
| R-187.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                | LRF-M                                     | PVCF-WB                                   | -225.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                        |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-188.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | LRF-M Canister                            | PVCF-WB                                   | -75.0                     |
| R-189.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                   | LRF-M Canister                            | PVCF-WB                                   | -157.5                    |
| R-190.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M Canister                            | (Optional) Additional layer of base insulation                                              | LRF-M Canister                            | PVCF-WB                                   | -200.0                    |
| R-191.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                          | LRF-M Canister                            | None                                                                                        | N/A                                       | PVCF-WB                                   | -225.0                    |
| R-192.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                           | LRF-M Canister                            | PVCF-WB                                   | -225.0                    |
| R-193.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | LRF-XF                                    | None                                                                                        | N/A                                       | PVCF-WB                                   | -45.0                     |
| R-194.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | (Optional) Additional layer of base insulation                                              | LRF-XF                                    | PVCF-WB                                   | -110.0                    |
| R-195.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation  | LRF-XF                                    | PVCF-WB                                   | -110.0                    |
| R-196.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                              | LRF-XF, 6-inch o.c.                       | PVCF-WB                                   | -157.5                    |
| R-197.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation  | LRF-XF, 6-inch o.c.                       | PVCF-WB                                   | -157.5                    |
| R-198.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | (Optional) Additional layers base insulation                                                | LRF-XF                                    | PVCF-WB                                   | -180.0                    |
| R-199.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                 | LRF-XF, 4-inch o.c.                       | PVCF-WB                                   | -187.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                    |                                           | Top Insulation Layer                                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-200.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                                             | LRF-XF, 4-inch o.c.                       | PVCF-WB                                   | -200.0                    |
| R-201.     | Existing granule-surfaced cap membrane                                                                                                                                 | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-WB                                   | -225.0                    |
| R-202.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                       | OB500                                     | None                                                                                                       | OB500                                     | PVCF-WB                                   | -45.0                     |
| R-203.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | OB500                                     | (Optional) Additional layer of base insulation                                                             | OB500                                     | PVCF-WB                                   | -110.0                    |
| R-204.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | OB500                                     | PVCF-WB                                   | -110.0                    |
| R-205.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch EnergyGuard RA                                                                                             | OB500                                     | (Optional) Additional layers base insulation                                                               | OB500                                     | PVCF-WB                                   | -120.0                    |
| R-206.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                             | OB500, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-207.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | OB500, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-208.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                | OB500, 4-inch o.c.                        | PVCF-WB                                   | -187.5                    |
| R-209.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                             | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                             | OB500, 4-inch o.c.                        | PVCF-WB                                   | -200.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                           | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                      |                                                                                                                                     | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-210.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) 0.5-inch EnergyGuard Polyiso Insulation                                                                            | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                   | -97.5                     |
| R-211.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                   | -120.0                    |
| R-212.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVCF-WB                                   | -157.5                    |
| R-213.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVCF-WB                                   | -187.5                    |
| R-214.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional when using coverboard)<br>Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | OB500                                     | (Optional when using base insulation)<br>Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                | OB500                                     | PVCF-WB                                   | -225.0                    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                                     |                                                                                                                               |                                           |                                                                                                                                                                                           |                                           |                                           |                           |
| R-215.                                                                               | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                            | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-216.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-217.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-218.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | LRF-M                                     | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-219.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-M                                     | PVCX-LO, 12-inch o.c.                     | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                 | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                     | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-220.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-221.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-222.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-223.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                    | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-224.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-225.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCX-LM, 4-inch o.c.                      | -180.0                    |
| R-226.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                       | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-227.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                       | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-228.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                       | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M Canister                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-229.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M Canister                            | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                 | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-230.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-231.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-232.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-233.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-234.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-235.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-236.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-237.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-XF                                    | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-238.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-239.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -45.0                     |
| R-240.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                         | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                      | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                          | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-241.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                    | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-242.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-243.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 4-inch o.c.                      | -180.0                    |
| R-244.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-245.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-246.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-247.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | OB500                                     | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-248.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-249.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-250.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCX-LM, 12-inch o.c.                     | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                                        | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                                   |                                                                                                                                                                        | Type                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-251.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                       | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-252.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                    | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-253.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-254.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM, 4-inch o.c.                      | -180.0                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                                                                        |                                                                                                               |                                           |                                                                                                                          |                                           |                                           |                           |
| R-255.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                            | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-256.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                         | LRF-M                                     | Min. 1.5-inch EnergyGuard RA                                                                                             | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-257.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                          | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-258.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-259.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M                                     | (Optional) Additional layer of base insulation                                                                           | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-260.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                                       |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                 | Type                                                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-261.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | LRF-M                                     | PVCF-LM, 12-inch o.c.                     | -37.5                     |
| R-262.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M                                     | PVCF-LO, 12-inch o.c.                     | -45.0                     |
| R-263.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-264.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                     | PVCF-LM, 12-inch o.c.                     | -45.0                     |
| R-265.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-266.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-267.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-268.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM, 4-inch o.c.                      | -180.0                    |
| R-269.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                     | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCF-LM, 12-inch o.c.                     | -37.5                     |
| R-270.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                     | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCF-LO, 12-inch o.c.                     | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-271.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-272.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Min. 1.5-inch EnergyGuard RA                                                                                             | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-273.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                    | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                           | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-274.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-275.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-276.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH         | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-277.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-278.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                    | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                           | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-279.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-280.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-281.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                       |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-282.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-283.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM, 4-inch o.c.                      | -180.0                    |
| R-284.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                          | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-285.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH                                                                                       | OB500                                     | Min. 1.5-inch EnergyGuard RA                                                                                             | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-286.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                        | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-287.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-288.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-289.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                     | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-290.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | OB500                                     | PVCF-LM, 12-inch o.c.                     | -37.5                     |
| R-291.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCF-LO, 12-inch o.c.                     | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                               | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                                       |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                          |                                                                                                                                     | Type                                                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-292.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-293.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCF-LM, 12-inch o.c.                     | -45.0                     |
| R-294.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-295.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-296.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-297.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM, 4-inch o.c.                      | -180.0                    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:</b> |                                                                                                                                     |                                                                                                                                             |                                           |                                                                                                                          |                                           |                                           |                           |
| R-298.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-OB                                   | -165.0                    |
| R-299.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCX-OB                                   | -180.0                    |
| R-300.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                               | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-OB                                   | -180.0                    |
| R-301.                                                                   | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                                     | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-OB                                   | -165.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                            | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                       |                                                                                                                                                                        | Type                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-302.                                                                                                | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCX-OB                                   | -180.0                    |
| R-303.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-OB                                   | -165.0                    |
| R-304.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-OB                                   | -180.0                    |
| R-305.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-OB                                   | -180.0                    |
| R-306.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-OB                                   | -165.0                    |
| R-307.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-OB                                   | -180.0                    |
| R-308.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-OB                                   | -180.0                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                               |                                           |                                                                                                                          |                                           |                                           |                           |
| R-309.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                            | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                        | -45.0                     |
| R-310.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M                                     | (Optional) Additional layer of base insulation                                                                           | LRF-M                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-311.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-XF or PVCF-OB                        | -110.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-312.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | LRF-M, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-313.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-314.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -187.5                    |
| R-315.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | LRF-M, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-316.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-317.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-318.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-319.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-XF                                   | -180.0                    |
| R-320.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-321.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                           | LRF-M Canister                            | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-322.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-XF or PVCF-OB                        | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-323.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                        | -45.0                     |
| R-324.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                           | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-325.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-326.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                                                           | LRF-XF, 6-inch o.c.                       | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-327.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF, 6-inch o.c.                       | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-328.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-329.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-330.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                            | LRF-XF                                    | (Optional) Additional layers base insulation                                                                             | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-331.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF, 4-inch o.c.                       | PVCF-XF or PVCF-OB                        | -187.5                    |
| R-332.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                                                           | LRF-XF, 4-inch o.c.                       | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-333.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-334.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                   | -180.0                    |
| R-335.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                        | -45.0                     |
| R-336.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-337.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-338.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | OB500, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-339.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-340.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -187.5                    |
| R-341.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | OB500, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-342.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-343.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-344.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                 | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board | OB500                                     | PVCF-XF or PVCF-OB                        | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                         |                                           | Top Insulation Layer                                                                                  |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                     | Type                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-345.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board | OB500                                     | PVCF-XF                                   | -180.0                    |

**TABLE 7B: STEEL - RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

| System No. | Substrate<br>( <a href="#">Note 1</a> )                                                                                                       | Insulation Layer<br>( <a href="#">Note 3</a> )              | Attachment                                                                                                                            |                            | Roof Cover ( <a href="#">Note 15B</a> )                                                                                              | MDP<br>(psf) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                                               |                                                             | Fastener ( <a href="#">Note 11</a> )                                                                                                  | Spacing                    |                                                                                                                                      |              |
| R-346.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Purlin Fastener or Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 18-inch o.c. along purlins | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -37.5        |
| R-347.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Purlin Fastener or Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 12-inch o.c. along purlins | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -52.5        |
| R-348.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 72-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Purlin Fastener or Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 6-inch o.c. along purlins  | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -75.0        |

**TABLE 7c: STEEL - RECOVER**
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

| System No. | Deck <a href="#">(Note 1)</a>                                                                                                                                                       | Insulation <a href="#">(Note 3)</a> |                  | Roof Cover <a href="#">(Note 15A)</a> |                                                                                                                                                                                                                         |                                                                                                                                          | MDP (psf) |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|            |                                                                                                                                                                                     | Type                                | Attach           | Membrane                              | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                      | Attachment                                                                                                                               |           |
| R-349.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 114-inch o.c.</b> | One or more layers, any combination | Prelim. Attached | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 12-inch o.c. in rows spaced max. 114-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates. | -30.0     |
| R-350.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 120-inch o.c.</b> | One or more layers, any combination | Prelim. attached | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. in rows spaced max. 120-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates.  | -45.0     |
| R-351.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 114-inch o.c.</b> | One or more layers, any combination | Prelim. attached | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. in rows spaced max. 114-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates.  | -52.5     |

**TABLE 7D: RECOVER APPLICATIONS**
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                   | Substrate <a href="#">(Note 1 and Note 12)</a>                                                                                                                                                     | Roof Cover <a href="#">(Note 15)</a> | MDP (psf) <sup>A</sup> |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                             |                                                                                                                                                                                                    |                                      |                        |
| R-352.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen         | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                  |
| R-353.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered smooth- or granule-surfaced APP modified bitumen                                                 | PVCX-LM or PVCX-LO, 4-inch o.c.      | -337.5                 |
| R-354.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen                                                            | PVCX-OB                              | -337.5                 |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS</b> |                                                                                                                                                                                                    |                                      |                        |
| R-355.                                                                       | Existing fully adhered, granule-surfaced asphaltic roof cover                                                                                                                                      | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                  |
| R-356.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover                                                                                                                                       | PVCF-LM, 6-inch o.c.                 | -67.5                  |
| R-357.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing smooth- or granule-surfaced APP modified bitumen | PVCF-LM or PVCF-LO, 4-inch o.c.      | -330.0                 |
| R-358.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen                                                            | PVCF-XF or PVCF-OB                   | -330.0                 |
| R-359.                                                                       | Existing fully adhered, granule-surfaced asphaltic roof cover                                                                                                                                      | PVCF-HA                              | -405.0                 |