

# TOPCOAT<sup>®</sup> Waterproofing

## Miami-Dade County Notice of Acceptance (NOA)

Updated: 8/10



*Quality You Can Trust...From  
North America's Largest Roofing Manufacturer!™*

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**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**GAF Materials Corporation  
1361 Alps Road  
Wayne, NJ 07470**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: TOPCOAT® Waterproofing**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA 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 NOA revises NOA No. 07-1130.03 and consists of pages 1 through 8.  
The submitted documentation was reviewed by Jorge L. Acebo.



**NOA No.: 10-0329.01  
Expiration Date: 02/28/13  
Approval Date: 08/04/10  
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## ROOFING ASSEMBLY APPROVAL

**Category:** Roofing  
**Sub-Category:** Waterproofing  
**Material:** Acrylic Elastomeric  
**Maximum Design Pressure:** -607.5 psf

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

| <u>Product</u>                              | <u>Dimensions</u> | <u>Test Specification</u>   | <u>Product Description</u>  |
|---|-------------------|---|---|
| TOPCOAT® CRT                                | 1, 5 or 55gal.    | TT-C-555B<br>TAS 114 (95)<br>ASTM D6083<br>ASTM C794  | An acrylic, water based elastomeric membrane system used to protect concrete roofing surfaces.                  |
| TOPCOAT®<br>Elastomeric Roofing<br>Membrane | 1, 5 or 55gal.    | TT-C-555B<br>ASTM D6083<br>ASTM C794  | An acrylic, water based elastomeric membrane system used to protect various types of roofing surfaces           |
| TOPCOAT® Surface<br>Seal SB                 | 5 or 55gal        | ASTM D-412<br>ASTM B-117<br>ASTM C-794<br>ASTM G-12<br>ASTM D-21-96<br>ASTM D-1475<br>ASTM E-1644 | Solvent based elastomeric membrane system used to protect various types of roofing surfaces.                    |
| TOPCOAT®<br>Surface Seal SB Primer          | 1 or 5 gallons    | Proprietary   | Primer/rust inhibitor that must be applied to any areas of rust before TOPCOAT® Surface Seal SB can be applied. |
| TOPCOAT® MB Plus                            | 5 or 55gal.       | ASTM D-3412<br>ASTM D-21-96<br>ASTM D-1475<br>ASTM E-1644   | Water based elastomeric membrane system used to protect various types of roofing surfaces                       |
| TOPCOAT®<br>FireShield® SB                  | 5 or 55 gal.      | ASTM D6083  | Solvent based self-extinguishing elastomeric membrane system used to protect various types of roofing surfaces. |
| TOPCOAT®<br>FireShield® MB                  | 5 or 55 gal       | NA  | Water based self-extinguishing elastomeric membrane system used to protect various types of roofing surfaces.   |
| TOPCOAT®<br>FireShield® EPDM                | 5 or 55 gal       | NA  | Water based self-extinguishing elastomeric membrane system used to protect EPDM roofing surfaces.               |



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| <u>Product</u>                        | <u>Dimensions</u>     | <u>Test Specification</u> | <u>Product Description</u>  |
|---------------------------------------|-----------------------|---------------------------|---|
| TOPCOAT® EPDM Coating                 | 5 or 55 gal.          | ASTM D6083                | Water-based self-extinguishing elastomeric membrane system used to protect EPDM roofing surfaces.                                     |
| TOPCOAT® EPDM System Cleaner          | 5 gal.                |                           | Surface preparation treatment for EPDM substrates.  |
| TOPCOAT® MP-300                       | 5 or 55 gal.          | NA                        | Primer for rusty metal.   |
| TOPCOAT® XR-2000                      | 5 or 55 gal.          |                           | Primer for pre-finished metal (e.g. Kynar).   |
| TOPCOAT® Precote                      | 5 gal                 | NA                        | Solvent based primer for corrugated asbestos (transite) roof panels.  |
| TOPCOAT® One-Step                     |                       | NA                        | Water based rust inhibiting primer or maintenance coating.  |
| TOPCOAT® Flashing Grade               | 1, 5 gal. or 1qt tube | TAS-139                   | Water-based flashing compound.  |
| TOPCOAT® Liquid Fabric Flashing Grade | 5 or 55 gal.          | NA                        | Water-based, high elasticity flashing compound.   |
| TOPCOAT® Flexseal                     | 1, 5 gal. or 1qt tube | TAS 139                   | Solvent based flashing compound for gutters and other detailing.  |
| TOPCOAT® SB-900                       | 5 or 55 gal           | NA                        | Solvent based flashing compound for gutters and other detailing. Must be used where ever Surface Seal SB is used as the base coating. |
| TOPCOAT® Fastener Grade               | 1, 5 gal. or 1qt tube | NA                        | Water-based sealant for fastener detailing.   |
| TOPCOAT® Topester Fabric              | 4", 6" 12" or 36"     | NA                        | Non-woven polyester reinforcing fabric.   |
| TOPCOAT® Sky-Lite                     | 5 or 55 gal           | NA                        | Solvent or water based coating used for protecting for SKY-LITE panels restoring fiberglass reinforced plastic.                       |
| TOPCOAT® Wallcote™ Wall Coating       | 5 or 55gal.           | NA                        | Water-based acrylic elastomeric coating for walls.  |
| TOPCOAT® Wallcote™ Block Primer       | 5 or 55gal            | NA                        | A clear, water-based primer formulated for porous or chalking concrete and masonry surface.   |
| TOPCOAT® Wallcote™ Flashing Sealant   | 5 or 55gal            | NA                        | A light gray, water-based synthetic rubber sealant for wall penetrations.   |
| FireOut™                              | 5 or 55gal            | NA                        | Low VOC, fire barrier coating.  |



**TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS**

**TABLE 2**

| <u>Product</u>  | <u>Dimensions</u>        | <u>Test Specification</u> | <u>Product Description</u>                                 | <u>Manufacturer</u>      |
|-----------------|--------------------------|---------------------------|--|--------------------------|
| Ceramic Tiles   | 12" x 12" x ½"           | ASTM C902                 | Ceramic plaza deck walking tiles, 5% water absorption max. | Generic                  |
| Portland Cement | 15 lb. Box, 25 & 50 Bags | ANSI A118.4               | A polymer modified Portland Cement.                        | Custom Building Products |

**EVIDENCE SUBMITTED:**

| <u>Test Agency</u>              | <u>Test Identifier</u> | <u>Test Name</u> | <u>Date</u> |
|---------------------------------|------------------------|------------------|-------------|
| Momentum Technologies, Inc.     | EX14A3A                | ASTM D 6083      | 02/26/04    |
| Exterior Research & Design, LLC | G6040.03.07            | TAS 114-D        | 03/19/07    |
|                                 | 18026.03.02-2-R2       | TAS 114-D        | 12/05/07    |
| PRI Asphalt Technologies, Inc.  | GAF-065-02-01          | ASTM D 6083      | 12/14/06    |
|                                 | GAF-054-02-01          | TT-C-555B        | 07/11/04    |
|                                 | GAF-087-02-01          | ASTM D 6083      | 09/26/05    |
|                                 | GAF-110-02-01          | TAS 139          | 02/15/06    |
|                                 | GAF-122-02-01          | TAS 139          | 05/07/06    |
|                                 | GAF-084-02-01          | ASTM D 6083      | 05/07/06    |
|                                 | GAF-082-02-01          | ASTM D 6083      | 05/07/06    |
| Factory Mutual Research Corp.   | 3015619                | FM 4470          | 03/15/05    |
| Underwriters Laboratories, Inc. | 05CA50318              | UL 790           | 02/21/06    |
|                                 | 05NK11032              |                  | 10/12/05    |



**APPROVED APPLICATIONS:**

- Deck Type 3 :** Concrete Decks, Non-Insulated
- Deck Description:** 2500 psi structural concrete or concrete plank
- System Type F(1):** Fully Adhered liquid applied roof system.

**All General Limitations apply.**

All GAF Materials Corporation TOPCOAT® products shall be installed in accordance with manufacturer's specifications. The following are minimum installation guidelines. Consult the GAF TOPCOAT® Specification Manual or Technical Service for specific/complete installation instructions.

**Substrate Preparation:** The TOPCOAT® Elastomeric Roofing Membrane or TOPCOAT® CRT system is to be applied over structural concrete only with a minimum slope of ¼":12". Concrete roof substrate must be completely cured and dry before application of TOPCOAT® products. Substrate should not pond water for a period longer than 48 hours.

**Base Coat:** Apply two or more coats of TOPCOAT® Elastomeric Roofing Membrane or TOPCOAT® CRT at a rate of 1.25 gallons per 100 square feet per coat to a wet mil thickness of 20 mils each coat. Allow 24 hours to dry and inspect base coat for defects. Correct unsatisfactory conditions prior to proceeding.

**Finish Coat(s):** Apply one or more finish coats of TOPCOAT® Elastomeric Roofing Membrane or TOPCOAT® CRT at a rate of 1.75 gallons per 100 square feet per coat to a wet mil thickness of 28 mils each coat. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface.

**Integrity Test:** Required, and shall be performed in accordance with ASTM D 5957. Water may be maintained for a period longer than 24 hours if required.

**Inspection:** Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. Inspection must take place prior to installation of any overlay insulation, protection pads, drainage boards and traffic surfacing. All defects observed shall be corrected.

**Maximum Design Pressure:** -576 psf (See General Limitation #9)



**Deck Type 3 :** Concrete Decks, Non-Insulated  
**Deck Description:** 2500 psi structural concrete or concrete plank  
**System Type F(2):** Tile Finish over fully adhered liquid applied roof system.

**All General Limitations apply.**

All GAF Materials Corporation TOPCOAT® products shall be installed in accordance with manufacturer's specifications. The following are minimum installation guidelines. Consult the GAF TOPCOAT® Specification Manual or Technical Service for specific/complete installation instructions.

**Substrate Preparation:** All surfaces must be dry, smooth, and free of depressions, voids protrusions; clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

**Coatings:** Apply two or more coats of TOPCOAT® Surface Seal SB at a rate of 1 gallon per 100 square feet per coat to a wet mil thickness of 16 mils each coat. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface. Inspect completed system for defects and correct as required.

**Integrity Test:** Required, and shall be performed in accordance with ASTM D 5957. Water may be maintained for a period longer than 24 hours if required.

**Inspection:** Contractor and a representative of the manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. Inspection must take place prior to installation of any overlay insulation, protection pads, drainage boards and traffic surfacing. All defects observed shall be corrected.

**Surfacing:** Exterior grade ceramic plaza deck walking tiles (Minimum size of 12" x 12" ½" thick), tiles shall be embedded into Custom Building Products Polymer modified Portland cement applied with a ¼" square notched trowel. Tiles should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing. Tile shall be installed in accordance with applicable Building Code.

**Maximum Design Pressure:** -591 psf (See General Limitation #9)



**Deck Type 3 :** Concrete Decks, Non-Insulated  
**Deck Description:** 2500 psi structural concrete or concrete plank  
**System Type F(3):** Tile Finish over fully adhered liquid applied roof system.

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**Substrate Preparation:** All surfaces must be dry, smooth, and free of depressions, voids protrusions; clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

**Coatings:** Apply three or more coats of TOPCOAT® Elastomeric Roofing Membrane or TOPCOAT® CRT at a rate of 1 gallon per 100 square feet per coat to a wet mil thickness of 16 mils each coat. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface. Inspect completed system for defects and correct as required.

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**Maximum Design Pressure:** -607.5 psf (See General Limitation #9)



## GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Required integrity flood testing report from an approved lab shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall be approved by GAF Materials Corporation, Inc.
4. Flashings shall be installed according to the manufacturer's published standard details and shall be submitted to the Building Official for review.
5. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
6. Systems shall not be installed over lightweight insulating concrete.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
11. All approved products listed herein shall be labeled in compliance with TAS 121 and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

MIAMI-DADE COUNTY  
APPROVED

**END OF THIS ACCEPTANCE**

MIAMI-DADE COUNTY  
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