

DECLARATION OF PERFORMANCE

0015-CPR-4967-2014/06/16 (for product from Mt. Vernon, IN)
0015-CPR-5218-2014/06/16 (for product from Gainesville, TX)

1. Unique Identification Code of the product type

EverGuard® TPO

2. Type, batch, or serial number or any other element allowing identification of the construction product as required under article 11(4)

2.0 mm; See label for lot number; see print on membrane for production date

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer.

ETA 12/0153: Plastic sheets from flexible thermoplastic polyolefin (FPO) with a polyester weft inserted reinforcement for roof waterproofing in accordance with ETAG 006: Exposed sheets and mechanically fastened.

EN 13956: Intended for use as a roof cover in single-ply roofing systems.

4. Name, registered trade name, or registered trademark and contact address of the manufacturer as required under Article 11(5)

GAF
1 Campus Drive
Parsippany, NJ 07054
Tel: +1 973-628-3000
Fax: +1 973-531-2684

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

ETA 12/0153: FM Approvals Limited, notified body No. 1725, issued the European Technical Approval ETA 12-0153 on the basis of ETAG 006 and performs the continuous surveillance, assessment and approval of the factory production control under system 2+ and issued the EC certificate of conformity of the factory production control 1725-CPD-M0061.

EN 13956: Notified factory production control certification body SKZ-TeConA GmbH No. 1213 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.



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Email: technicalquestions@gaf.com

8. Declared Performance:

| Essential Characteristic | Test Method | Performance | Harmonised Technical Specification | | | |
|-----------------------------------------------------|----------------------------------|--------------------|------------------------------------|------------|------------------------|------------|
| | | | EN 13956:2012 | | ETA 12/0153 | |
| | | | Units | Value | Expression | Value |
| Visible Defects | EN 1850-2 | | PASS | PASS | PASS | PASS |
| Width | EN 1848-2 | m | 1.43 – 3.2 | MDV | 1.53 | Max. |
| Length | EN 1848-2 | m | 30.4 | +/-1% | 30.4 | +/-1% |
| Straightness | EN 1848-2 | mm | ≤15 | MLV | ≤15 | MLV |
| Flatness | EN 1848-2 | mm | ≤30 | MLV | ≤30 | MLV |
| Effective Thickness | EN 1849-2 | mm | 2.0 | +10/-5% | 2.0 | +10/-5% |
| Mass per Unit Area | EN 1849-2 | g/m ² | 2048 | +10/-5% | 2048 | +10/-5% |
| Tensile Strength: Machine Direction (MD) | EN 12311-2 | N / 50 mm | >1150 | MLV | >1150 | MLV |
| Tensile Strength: Cross Machine Direction (CD) | EN 12311-2 | N / 50 mm | >1150 | MLV | >1150 | MLV |
| Elongation: Machine Direction (MD) | EN 12311-2 | % | >20 | MLV | >20 | MLV |
| Elongation: Cross Machine Direction (CD) | EN 12311-2 | % | >20 | MLV | >20 | MLV |
| Dimensional Stability: Machine Direction (MD) | EN 1107-2 | % | <-0.4% | MLV | <-0.4% | MLV |
| Dimensional Stability: Cross Machine Direction (CD) | EN 1107-2 | % | <-0.3% | MLV | <-0.3% | MLV |
| Joint Strength: Peel Resistance | EN 12316-2 | N / 50 mm | >150 | MLV | >150 | MLV |
| Joint Strength: Tensile Shear Resistance | EN 12317-2 | N / 50 mm | >950 | MLV | >950 | MLV |
| Resistance to Tearing: Machine Direction (MD) | EN 12310-2 | N | >425 | MLV | >425 | MLV |
| Resistance to Tearing: Cross Machine Direction (CD) | EN 12310-2 | N | >525 | MLV | >525 | MLV |
| Watertightness | EN 1928 Method B | | PASS | PASS | PASS | PASS |
| Resistance to Impact Load | EN12691 Method A Method B | mm | 400 1500 | MLV | 400 1500 | MLV |
| Resistance to Static Load | EN 12730 Method A Method B | kg | 20 15 | MLV | 20 15 | MLV |
| Hail Resistance | EN 13583 | m/s | ≥19 | MLV | ≥19 | MLV |
| Water Vapour Permeability | EN 1931 | μ | ≥100,000 | MLV | ≥100,000 | MLV |
| UV Resistance | EN1297 | Visible | PASS | PASS | PASS | PASS |
| Foldability at Low Temperature | EN 495-5 | -25 ^o C | PASS | MLV | PASS | MLV |
| Reaction to Fire | EN 11925-2 | Class | E | EN 13501-1 | E | EN 13501-1 |
| External Fire Performance | ENV 1187 Test 1 | Class | B _{ROOF} (t1) | EN 13501-5 | B _{ROOF} (t1) | EN 13501-5 |
| Wind Uplift | ETAG 006 | N/Fastener | N/A | N/A | 942 | MLV |

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Helene Hardy Pierce; Vice President of Technical Services, Codes, and Industry Relations
 (name and function)

Wayne, NJ; 06/16/2014
 (place and date of issue)


 (signature)