

## DECLARATION OF PERFORMANCE

0009-CPR-4967-2014/06/16 (for product from Mt. Vernon, IN)

0009-CPR-5218-2014/06/16 (for product from Gainesville, TX)

1. Unique Identification Code of the product type

**EverGuard® Freedom™ TPO HW**

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

**45 mil; 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.

**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:

**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.**



8. Declared Performance:

Essential Characteristic	Test Method	Performance	Harmonised Technical Specification	
			EN 13956:2012	
		Units	Value	Expression
Visible Defects	EN 1850-2		PASS	PASS
Width	EN 1848-2	m	1.43 – 3.2	MDV
Length	EN 1848-2	m	30.4	+/-1%
Straightness	EN 1848-2	mm	≤15	MLV
Flatness	EN 1848-2	mm	≤30	MLV
Effective Thickness	EN 1849-2	mm	1.08	+10/-5%
Mass per Unit Area	EN 184902	g/m <sup>2</sup>	1421	+10/-5%
Tensile Strength: Machine Direction (MD)	EN 12311-2	N / 50 mm	>1150	MLV
Tensile Strength: Cross Machine Direction (CD)	EN 12311-2	N / 50 mm	>1150	MLV
Elongation: Machine Direction (MD)	EN 12311-2	%	>20	MLV
Elongation: Cross Machine Direction (CD)	EN 12311-2	%	>20	MLV
Dimensional Stability: Machine Direction (MD)	EN 1107-2	%	<-0.4%	MLV
Dimensional Stability: Cross Machine Direction (CD)	EN 1107-2	%	<-0.3%	MLV
Joint Strength: Peel Resistance	EN 12316-2	N / 50 mm	>150	MLV
Joint Strength: Tensile Shear Resistance	EN 12317-2	N / 50 mm	>950	MLV
Resistance to Tearing: Machine Direction (MD)	EN 12310-2	N	>425	MLV
Resistance to Tearing: Cross Machine Direction (CD)	EN 12310-2	N	>525	MLV
Watertightness	EN 1928 Method B		PASS	PASS
Resistance to Impact Load	EN12691 Method A Method B	mm	400 1500	MLV
Resistance to Static Load	EN 12730 Method A Method B	kg	20 15	MLV
Hail Resistance	EN 13583	m/s	≥19	MLV
Water Vapour Permeability	EN 1931	μ	≥100,000	MLV
UV Resistance	EN1297	Visible	PASS	PASS
Foldability at Low Temperature	EN 495-5	-25°C	PASS	MLV
Reaction to Fire	EN 11925-2	Class	npd	EN 13501-1
External Fire Performance	ENV 1187 Test 1	Class	npd	EN 13501-5

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)



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