

TECHNICAL INFORMATION SHEET

Enverge™ FlashGard™ Non-Reinforced Thru-wall Flashing

Item Description

12" x 50' (305 mm x 15.2 m)
16" x 50' (406 mm x 15.2 m)
18" x 50' (457 mm x 15.24 m)
20" x 50' (508 mm x 15.24 m)
24" x 50' (610 mm x 15.24 m)
30" x 50' (762 mm x 15.24 m)
36" x 50' (914 mm x 15.24 m)
48" x 50' (1.2 m x 15.24 m)

Item Number

W56TW41205
W56TW41605
W56TW41805
W56TW42005
W56TW42405
W56TW43005
W56TW43605
W56TW44805



Product Information

Description:

Firestone's FlashGard Non-Reinforced Thru-Wall Flashing membrane is a flexible EPDM membrane that forms a moisture retarder in cavity wall construction by directing water to a building's exterior. Membrane's physicals comply with ASTM D4637.

Method of Application:

1. Substrates must be clean, dry, smooth, and free of sharp edges, fines, loose or foreign materials, oil, grease, and other materials that may damage the geomembrane.
2. All roughened surfaces that can damage the geomembrane shall be repaired as specified to offer a smooth substrate.
3. All substrate voids greater than 0.25" (6.3 mm) wide shall be properly filled with an acceptable fill material.
4. Firestone's Enverge FlashGard Thru-Wall Flashing membrane must be installed in accordance with current Firestone Building Products specifications and details.

Storage:

- Store away from sources of punctures and physical damage.
- Store away from ignition sources as membrane will burn when exposed to open flame.

Precautions:

- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
- Refer to Safety Data Sheets (SDS) for safety information.

LEED® Information:

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Prescott, AR

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

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Typical Properties

Property	Test Method	Typical Performance
Base	---	EPDM
Color	---	Black
Thickness	---	0.045" +0.007"/-0.0005" 0.060" + 0.009"/-0.006"
Tensile Strength	ASTM D412 (Die C)	1305 psi (9.0 MPa)
Elongation	ASTM D412 (Die C)	300%
Tear Resistance	ASTM D624 (Die C)	150 lbf/in (26.3 kN/m)
Ozone Resistance 166 hr/100 pphm @ 104 °F (38 °C) with 50% extension	ASTM D1140	No cracks
Heat Aging: 29 days @ 240 °F (116 °C)	ASTM D573	---
Tensile Strength	ASTM D412	1205 psi (8.3 MPa)
Elongation	ASTM D412	300%
Brittleness Temp	ASTM D2137	-49 °F (-45 °C)
Water Absorption Change in weight after immersion in water for 166 hours @ 158 °F (70 °C)	ASTM D471	+8, -2
Water Vapor Permeability	ASTM E96	2.0 perm mil

Packaging

Part Number	Thickness	Width	Length	Unit
W56TW41205	.045" (1.15 mm) or .060 mil	12" (305 mm)	50' (15.2 m)	2 rolls
W56TW41605		16" (406 mm)		1 roll
W56TW41805		18" (457 mm)		
W56TW42005		20" (508 mm)		
W56TW42405		24" (610 mm)		
W56TW43005		30" (762 mm)		
W56TW43605		36" (914 mm)		
W56TW44805		48" (1.2 m)		

Please contact Firestone Technical Services at 1-800-428-4511 for further information.

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