

TECHNICAL INFORMATION SHEET

Enverge™ FlashGard™ Thru-wall Flashing

Item Description

30.48 cm x 15.24 m (12" x 50')
40.64 cm x 15.24 m (16" x 50')
45.72 cm x 15.24 m (18" x 50')
50.80 cm x 15.24 m (20" x 50')
60.96 cm x 15.24 m (24" x 50')
91.44 cm x 15.24 m (36" x 50')
121.92 cm x 15.24 m (48" x 50')

Item Number

W56TW41205
W56TW41605
W56TW41805
W56TW42005
W56TW42405
W56TW43605
W56TW44805



Product Information

Description:

Firestone's Enverge FlashGard 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 6.3 mm (0.25") 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:

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

LEED® Information:

Post Consumer Recycled Content: 0%
Post Industrial Recycled Content: 0%
Manufacturing Locations: Prescott, AR

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Physical Properties

Tensile Strength:	ASTM D-412 (Die C)	9.0 MPa (1305 psi)
Elongation:	ASTM D-412 (Die C)	300%
Tear Resistance:	ASTM D-624 (Die C)	26.3 kN/m (150 lbf/in)
Ozone Resistance: 166 hrs/100 pphm @ 37.8°C (104°F) with 50% extension	ASTM D-1140	No Cracks
Heat Aging: 29 days @ 116°C (240°F)	ASTM D-573	
Tensile Strength:	ASTM D-412	8.3 MPa (1205 psi)
Elongation:	ASTM D-412	200%
Brittleness Temp:	ASTM D-2137	-45° C (-49° F)
Water Absorption: change in weight after immersion in water for 166 hrs @ 70°C (158°F)	ASTM D-471	+8, -2
Water Vapor Permeability:	ASTM E-96	2.0 Perm mils

Packaging

<u>Thickness</u>	<u>Width</u>	<u>Length</u>	<u>Unit</u>	<u>Weight</u>	<u>Approximate Coverage</u>
1.02 mm (0.040")	30.48 cm (12.0")	15.24 m (50.0')	2 rolls	1.02 mm (0.040")	30.48 cm (12.0")
1.02 mm (0.040")	40.64 cm (16.0")	15.24 m (50.0')	1 roll	1.02 mm (0.040")	40.64 cm (16.0")
1.02 mm (0.040")	45.72 cm (18.0")	15.24 m (50.0')	1 roll	1.02 mm (0.040")	45.72 cm (18.0")
1.02 mm (0.040")	50.80 cm (20.0")	15.24 m (50.0')	1 roll	1.02 mm (0.040")	50.80 cm (20.0")
1.02 mm (0.040")	60.96 cm (24.0")	15.24 m (50.0')	1 roll	1.02 mm (0.040")	60.96 cm (24.0")
1.02 mm (0.040")	91.44 cm (36.0")	15.24 m (50.0')	1 roll	1.02 mm (0.040")	91.44 cm (36.0")
1.02 mm (0.040")	121.92 cm (48.0")	15.24 m (50.0')	1 roll	1.02 mm (0.040")	121.92 cm (48.0")

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

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