# **TECHNICAL INFORMATION SHEET**

MASONPRO, Inc. 43300 Seven Mile Rd. Northville, MI 48167 1-800-659-4731 www.masonpro.com



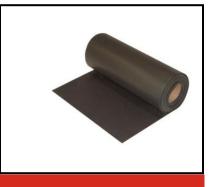
## Enverge<sup>™</sup> FlashGard<sup>™</sup> Thru-wall Flashing

#### 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



## Enverge<sup>™</sup> FlashGard<sup>™</sup> Thru-wall Flashing

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					
Thickness	<u>Width</u>	<u>Length</u>	<u>Unit</u>	<u>Weight</u>	<u>Approximate</u> <u>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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Firestone Building Products | Sales: (800) 428-4442 | Technical (800) 428-4511 | www.firestonebpco.com