

## Enverge™ Air & Vapor Barrier SA Membrane

<u>Item Description</u>	<u>Item Number</u>
25 mil: 36" x 75' (914 mm x 22.9 m)	W5635825VB
25 mil: 12" x 75' (304 mm x 22.9 m)	W56SBE1225
25 mil: 6" x 75' (152 mm x 22.9 m)	W56SBE0625
40 mil: 36" x 50' (914 mm x 15.2 m)	W5635840VB
40 mil: 12" x 50' (304 mm x 15.2 m)	W56SBE1240
40 mil: 6" x 50' (152 mm x 15.2 m)	W56SBE0640

<b>MIRON CONSTRUCTION CO., INC.</b>	
REVIEWED <input checked="" type="checkbox"/> #1	APPROVED <input type="checkbox"/>
IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.	
SPEC. SECTION # 072500 / 074213.24	
BY: GAM/MSE	DATE: 5/02/14

### Product Information

#### Description:

Firestone Enverge™ Air & Vapor Barrier SA (self-adhesive) Membrane is composed of elastomeric bitumen, a trilaminate woven polyethylene facer, and a silicone-treated release film.

#### Method of Application:

- Surfaces must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease or residue.
- Application temperature for 25 mil membrane should be min. 50 °F (10 °C). Application temperature for 40 mil membrane should be min. 14 °F (-10 °C).
- The use of a primer is recommended for some applications. If superior adhesion is required, apply a coat of Enverge SB Primer (Solvent Based) – W56-358-7093 or Enverge WB Primer (Water Based) – W56-358-7094 prior to installing the membrane.
- Primer is required for surfaces such as OSB, wood, concrete, gypsum or fiberglass structural panels.
- Allow primer to dry. When dry, the primer will feel tacky when using a dry finger test.
- Polyurethane foam can be sprayed directly onto Enverge membrane. However, the membrane should be mechanically fastened to the substrate using a termination bar to junctions, window or door frames, endings, and on the perimeter of the building.
- Enverge Air & Vapor Barrier SA Membrane may be left exposed up to 90 days.
- Firestone Enverge Air & Vapor Barrier SA 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 the membrane will burn when exposed to open flame.
- Stack Enverge Air & Vapor Barrier SA Membrane in original unopened containers no more that two (2) pallets high.

#### Shelf Life:

When stored in original unopened packaging, indoors and away from direct sunlight between 60 °F (17 °C) and 80 °F (27 °C), the shelf life is 2 years.

# TECHNICAL INFORMATION SHEET



## Enverge™ Air & Vapor Barrier SA Membrane

### 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.

### Physical Properties

Property	Test Method	Typical Performance
Tensile Strength	ASTM D 5147	11.3/15.4 kN/m
Ultimate Elongation	ASTM D 5147	40/25%
Static Puncture	ASTM D 5602	400 N
Cold Temperature Flexibility	ASTM D 1970	-35 °C
Lap Adhesion	ASTM D 1876	2000 N/m
Peel Resistance	ASTM D 903	2800 N/m
Water Absorption	ASTM D 5147	0.1% max
Water Vapor Permeance	ASTM E 96 (Proc B)	0.90 ng/Pa·s·m <sup>2</sup>

### Packaging

Thickness	Width	Length	Unit	Weight	Approximate Coverage
25 mil (0.025")	36" (914 mm)	75' (22.9 m)	1 roll	26.7 lb (12.1 kg)	225 ft <sup>2</sup> (20.9 m <sup>2</sup> )
40 mil (0.040")	36" (914 mm)	50' (15.2 m)	1 roll	27.8 lb (12.6 kg)	150 ft <sup>2</sup> (13.8 m <sup>2</sup> )

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

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*