

Technical Information Sheet



Enverge™ Air & Vapor Barrier SA Membrane

Item Description	Item Number
25 mil: 36" x 75'	See Product Data Below
25 mil: 12" x 75'	
25 mil: 6" x 75'	
40 mil: 36" x 50'	
40 mil: 12" x 50'	
40 mil: 6" x 50'	

Description

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

1. Minimum Application Temperature 25 mil: 50 °F (10 °C). Apply when expecting rising temperatures. Minimum Application Temperature 40 mil: 14 °F (-10 °C). Apply when expecting rising temperatures.
2. Service Temperatures (25 and 40 mil membranes): -49 °F to 194 °F (-45 °C to 90 °C)
3. Surfaces must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease or residue.
4. The use of a primer is recommended for superior adhesion. Apply primer prior to installing the membrane.
5. Elevate Primers:
6. SA-Solvent Based (SB) Primer (W563587090)
7. SA-Water Based (WB) Primer (W563587091)
8. SA-LVOC Primer (W563587092)
9. **PRIMER REQUIRED SURFACES:** OSB, wood, concrete, gypsum or fiberglass faced panels
10. Primer drying time varies from 1/2 to 3 hours depending on ambient temperatures and amount applied. It is dry when sticky to the touch, but not messy.
11. Polyurethane foam can be sprayed directly onto Enverge membrane. However, the membrane should receive supplemental mechanical fastening.
12. For best results, install the membrane as soon as the primer is dry.
13. Enverge Air & Vapor Barrier SA Membrane is UV resistant for exposure of up to 90 days.
14. Enverge Air & Vapor Barrier SA Membrane must be installed in accordance with current Elevate specifications and details.

Storage

- Take care when transporting and handling Enverge Air & Vapor Barrier SA Membrane to avoid damage to cartons.
- Stack Enverge Air & Vapor Barrier SA Membrane in original unopened containers no more than two (2) pallets high.
- Store away from sources of puncture and physical damage.
- Store away from ignition sources as the membrane will burn when exposed to open flame.

Shelf Life

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

Precautions

For further information, consult the Safety Data Sheet (SDS).

Product Data – Available Sizes: 4' x 8' (1.22 m x 2.44 m)						
Item Number	Thickness	Width	Length	Units Per Carton	Carton Weight	Approximate Coverage
W5635825VB	25 mil (0.025")	6" (152 mm)	75' (22.9 m)	6 rolls	-----	25 ft ² (2.3 m ²)
W56SBE1225	25 mil (0.025")	12" (305 mm)	75' (22.9 m)	3 rolls	-----	50 ft ² (4.3 m ²)
W56SBE0625	25 mil (0.025")	36" (914 mm)	75' (22.9 m)	1 roll	26.7 lb (12.1 kg)	225 ft ² (20.9 m ²)
W563580VB	40 mil (0.040")	6" (152 mm)	50' (15.2 m)	6 rolls	-----	25 ft ² (2.3 m ²)
W56SBE1240	40 mil (0.040")	12" (305 mm)	50' (15.2 m)	3 rolls	-----	50 ft ² (4.3 m ²)
W56SBE0640	40 mil (0.040")	36" (914 mm)	50' (15.2 m)	1 roll	27.8 lb (12.6 kg)	150 ft ² (13.8 m ²)

Pallet: 25 mil: 36 rolls per pallet, 26 pallets per truck, 961 lb (436 kg) per pallet
 40 mil: 36 rolls per pallet, 26 pallets per truck, 1000 lb (454 kg) per pallet

Typical Properties		
Property	ASTM Standard	Typical Performance
Tensile Strength MD/XD	D5147	64/88 lbf/in (11.3/15.4 kN·m)
Ultimate Elongation MD/XD	D5147	40/25 %
Static Puncture	D5602	90 lbf (400 N)
Cold Temperature Flexibility	D5147	-31 °F (-35 °C)
Lap Adhesion	D1876	25 mil = 6.8 lb/in or 25 mil = 1200 N·m 40 mil = 11.4 lb/in or
Peel Resistance	D903	25 mil = 14.8 lb/in or 25 mil = 2600 N·m 40 mil = 16 lb/in or

Typical Properties Continued

Property	ASTM Standard	Typical Performance
Water Absorption	D5147	0.1% max
Water Vapor Transmission (Desiccant)	E96	< 0.016 perm (0.90 ng/Pa·s·m ²)
Air Permeance (Material)	E2178	<0.00001 cfm/ft ² (0.0005 L/sec·m ²)
Air Permeance (Assembly)	E2357	Pass

Contact Elevate Technical Coordinator for information regarding listings of NFPA 285 compliant wall assemblies.

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

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Firestone, the brand of premier roofing, wall, and lining systems you know and trust, will be coming to you under a new name: Elevate. During our transition, products carrying the brand name **Firestone** will change to **Elevate** on product labels and packaging, Technical Information Sheets, and elsewhere. Only the brand name is changing. Our products remain the same.

For further information on our brand transition to Elevate, scan the code below with your smartphone, or visit our website: www.holcimelevate.com

