

JM VAPOR BARRIER SA

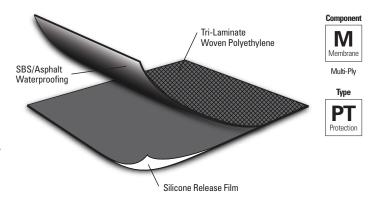
Polyethylene-Reinforced, Self-Adhering SBS Vapor Barrier

Features and Components

Tri-laminate woven polyethylene, nonslip, UV-protected top surface: Provides temporary weather protection for 90 days. Provides high tensile strength and puncture resistance.

Self-sealing, high-quality SBS rubber and asphalt blend: Provides low air and vapor permeability.

Silicone release film: Allows for ease of self-adhering installation.



System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

PIV	BUR		APP		SBS			
Aulti-	HA**	CA	CA	HW	HA**	CA	HW	SA
ž	Compatible with all Multi-Ply systems*							

줕	TP0		PVC		EPDM		
e e	MF	FA	MF	FA	MF	FA	BA
Sin	Compatible with all Single Ply systems*						

* This product is compatible with all systems when used as a vapor barrier.

Energy and the Environment

Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%

Peak Advantage® Guarantee Information

Systems		Guarantee Term
When used as a JM systems.*	vapor barrier in most	10, 15 or 20 years

 $[\]hbox{*Contact JM Technical Services for specific system requirements or guarantee terms.}$

Codes and Approvals





Installation/Application



Self-Adhered

- This product is not suitable for hot asphalt application to the top surface
- Can be installed on plywood, gypsum or concrete board as well as asphalt or concrete
- All substrates must be primed prior to installation
- Minimum application temperature is 14°F (-10°C)
- Ideal for low-slope applications up to 3" per foot (7.5 cm/m) or 14°
- Side laps are 3" (7.62 cm); end laps are 6" (15.24 cm)
- Refer to Vapor Barrier Installation Instructions for application information

Packaging and Dimensions

Roll Coverage	468 ft² (43.5 m²)		
Roll Length	134' (40.8 m)		
Roll Width	45" (1.1 m)		
Rolls per Pallet	16		
Pallet Weight	1,396 lb (633 kg)		
Pallets per Truck*	26		

^{*}Assumes a 48' flatbed truck.

^{**} Do not apply hot asphalt to this product.



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Tested Physical Properties

		ASTM	Vapor Barrier SA		
Physical Properties		Test Method	MD*	XMD**	
Strength	Tear Resistance	D 1970	95 lbf (423 N)	103 lbf (400 N)	
	Tensile Strength	D 5147	54 lbf/in. (9.5 kN/m)	74 lbf/in. (13 kN/m)	
S	Static Puncture	D 5602	90 lbf (400 N)		
Longevity	Low Temp. Flexibility	D 5147	-58°F (-50°C)		
	Thickness	D 5147	31.5 mil (0.8 mm)		
	Lap Adhesion	D 1876	68 lbf/ft (1000 N)		
	Elongation at Peak Load at 0°F (-18°C)	D 5147	52%	24%	
	Water Absorption	D 5147	0.1% max.		
Performance	Peel Resistance	D 903	5.4 lbf/in (950 N)		
	Water Vapor Permeance	E 96 (Procedure B)	0.03 perm (1.7 ng/Pa•s•m²)		
	Air Dawes as hills.	E 2178	< 0.001 L/s/m²		
	Air Permeability	E 283	< 0.002 L/s/m²		

^{*}MD = Machine Direction

 $Note: Material tested in accordance with ASTM D 5147\ Standard\ Test\ Methods for Sampling \ and\ Testing\ Modified\ Bituminous\ Sheet\ Materials.$

^{**}XMD = Cross-Machine Direction