

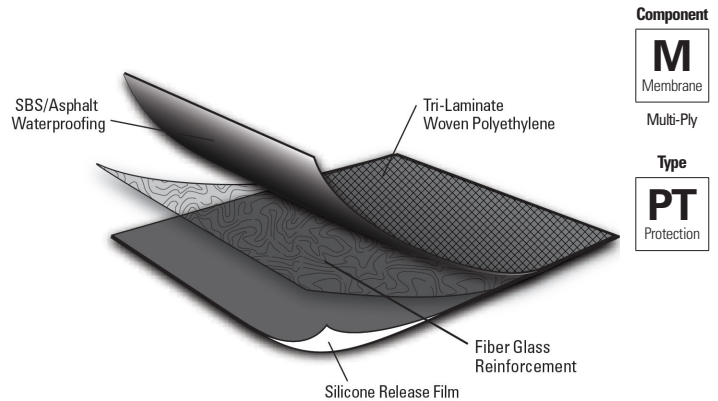
Features and Components

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

Self-adhering modified bitumen: Self-sealing, high-quality SBS rubber and asphalt blend: provides low air and vapor permeability.

Split-back silicone release film: Easy-to-peel release film sheet that allows for ease of self-adhering installation.

Fiber glass reinforcement: Offers excellent dimensional stability and tensile strength and withstands differential movement. Because it has no thermal memory, less time is needed to relax the sheet, allowing for ease of installation. The fiber glass mat also has good lay-flat characteristics, contributing to better aesthetics.



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

Multi-Ply	BUR		APP		SBS			
	HA**	CA	HW	HA**	CA	HW	SA	MF
Compatible with all multi-ply systems*								

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
Compatible with all single ply systems*										

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

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

** Do not apply hot asphalt to this product.

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 vapor barrier in most JM systems.*	Up to 30 years

*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, concrete, asphalt or metal. All substrates must be primed prior to installation. Primer may be omitted when adhering to a steel deck with a mechanically-fastened system.
- Minimum application temperature is 40°F (4.4°C) and rising.
- 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*	318 ft ² (29.5m ²)
Roll Length	105 ft (32 m)
Roll Width	39 3/8" (1 m)
Roll Weight	80 lb (35.8 kg)
Rolls per Pallet	20
Pallet Weight	1,600 lb (726 kg)
Pallets per Truck**	20
Producing Locations	Plattsburgh, NY

*Assumes a 3" side lap **Assumes 48' flatbed truck.



JM Vapor Barrier SAR

Fiber Glass-Reinforced, Polyethylene Surfaced,
Self-Adhering SBS Vapor Barrier

Tested Physical Properties

Physical Properties		ASTM Test Method	Vapor Barrier SAR	
			MD*	XMD**
Strength	Tear Resistance	D 1970	127 lbf (565 N)	110 lbf (489 N)
	Tensile Strength	D 5147	74 lbf/in. (13 kN/m)	85 lbf/in. (15 kN/m)
	Static Puncture	D 5602	90 lbf (400 N)	
Longevity	Low Temp. Flexibility at -20.2°F	D 1970	Pass	
	Thickness	D 5147	47 mil (1.2 mm)	
	Lap Adhesion	D 1876	80 lbf/ft (1000 N)	
	Elongation at Break at 73.4°F	D 5147	20%	13%
Performance	Thermal Stability	D 1970	Pass	
	Adhesion to Plywood at 73.4°F	D 903 / D1970	25 lbf/ft (4400 N)	
	Adhesion to Plywood at 0°F (-18°C)	D 903 / D 1970	5 lbf/ft (880 N)	
	Water Vapor Permeance	E 96	0.02 perm (1.1 ng/Pa•s•m ²)	
	Air Permeability		E 2178	< 0.001 L/s/m ²
		E 283	< 0.002 L/s/m ²	

*MD = Machine Direction

**XMD = Cross-Machine Direction

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

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at www.jm.com/roofing. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit www.jm.com/terms-conditions.