

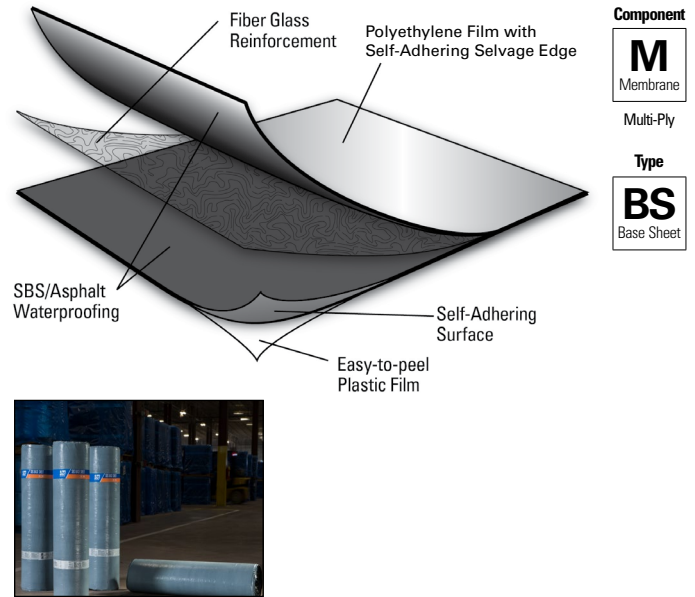
Meets the requirements of ASTM D 4601

### Features and Components

**High-Quality SBS Rubber and Asphalt Blend:** Provides full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet.

**Fiber Glass Reinforcement Mat:** Offers excellent dimensional stability and tensile strength and withstands differential movement.

**Polyethylene Film with a Self-Adhering Modified Bitumen:** The top side film allows for self-adhering or heat welded cap sheet installations. A self-adhering selvage edge with easy-to-peel plastic film allows for quick dry in. The bottom side has a self-adhering surface with an easy-to-peel plastic film sheet that allows for installation without the need for hot asphalt, cold adhesive, or open flame from heat welding.



**Component**  
**M**  
Membrane  
Multi-Ply  
**Type**  
**BS**  
Base Sheet

**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	
<i>Compatible with the selected multi-ply systems above</i>									

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Do not use in single ply systems</i>										

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

### Energy and the Environment

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%

### Peak Advantage® Guarantee Information

Systems	Guarantee Term
When used in most 2-5 ply JM SBS systems.*	Up to 25 years

\*Contact JM Technical Services for specific system requirements for guarantee lengths.

### Codes and Approvals



### Storage

Do not store in direct sunlight. Improper storage can impact product adhesion.

### Installation/Application



Self-Adhered

- Apply in dry weather with a minimum ambient temperature of 40°F (4.4°C) and rising. Rolls should be warmed to at least 60°F (16°C) at the time of application. Do not use if moisture is present on the surface.
- Refer to JM SBS Installation Guide for additional general installation and application information.
- Laps may be installed using heat-weld techniques to promote adhesion if necessary.

#### JM Recommended Substrates:

- Metal surfaces
- Unsanded asphalt
- OSB/plywood products without wax coating
- ENRGY 3®
- Primed concrete

### Packaging and Dimensions

Roll Coverage*	18.0 m <sup>2</sup> (194 ft <sup>2</sup> )
Roll Length	19.99 m (65' 7")
Roll Width	1 m (39 3/8")
Rolls per Pallet	20
Roll Weight	40.82 kg (90 lb)

\*Assumes a 4" side lap.

RS-4641 8-24 (Replaces 7-24)

Refer to the Safe Use Instructions and product label prior to using this product. The Safe Use Instructions are available by calling (800) 922-5922 or on the Web at [www.jm.com/roofing](http://www.jm.com/roofing).

**Meets the requirements of ASTM D 4601**  
**Tested Physical Properties**

Physical Properties		ASTM Test Method	Standard for ASTM D4601, Type I (Min)	DynaGrip Base P/SA	
				MD*	XMD**
Strength	Breaking Strength at 73.4°F (23°C)	D 146	22 lbf/in (3.9 kN/m)	55 lbf/in (9.6 kN/m)	35 lbf/in (6.1 kN/m)
	Mass of Desaturated Glass Felt ( <i>min</i> )	D 228	1.4 lb/100 ft <sup>2</sup> (0.07 kg/m <sup>2</sup> )	1.84 lb/100 ft <sup>2</sup> (0.09 kg/m <sup>2</sup> )	
Longevity	Thickness	D 5147	N/A	70 mil (1.78 mm)	
	Pliability, 90° around 1" mandrel at 77°F (25°C)	D 4601	No Failures	Pass	
	Asphalt, min	D 228	5.6 lb/100 ft <sup>2</sup> (0.27 kg/m <sup>2</sup> )	30.6 lb/100 ft <sup>2</sup> (1.5 kg/m <sup>2</sup> )	
	Ash, glass mat only	D 228	70% - 88%	77%	
Performance	Water Vapor Permeance	E 96	N/A	0.02 perm (1.2 ng/Pa•s•m <sup>2</sup> )	
Installation	Width of Roll	D 228	N/A	39 3/8" (1 m)	
	Area ( <i>min</i> )	D 228	N/A	215 ft <sup>2</sup>	
	Net Dry Mass, Coated Sheet Min, Individual Roll	D 228	12.8 lb/100 ft <sup>2</sup> (0.6 kg/m <sup>2</sup> )	45.4 lb/100 ft <sup>2</sup> (2.2 kg/m <sup>2</sup> )	
	Moisture at Point of Manufacture ( <i>max</i> )	D 146	1%	2%	
	Surfacing and Stabilizer ( <i>max</i> )	D 228	70%	26.7%	
	Unrolling at 40°F (4.4°C) and 140°F (60°C)	D 4601	No Damage	Pass	

\*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.

## Installation Instructions

In 2-ply systems a ½ width base sheet should be installed first at the low point of the roof. Begin installation with the half of the sheet that contains the selvage edge, adhering with the selvage edge on the top side, away from the low point. Remove the release liner at a 45° angle to ensure the film does not rip or adhere to the adhesive surface, and press the membrane into the substrate. The selvage edge release liner should stay in place until overlapping sheet is ready to adhere. Align subsequent full width sheets with previous sheet selvage edge. Fold membrane in half lengthwise, and remove one side of the release liner on the leading half of the membrane and press into place. Fold the other half of the sheet, and remove release liner along with previously installed membrane selvage edge release liner in parallel and mate the asphalt surfaces. Repeat for remaining roof area. Adhere from the center out, ensuring full contact and all surfaces should be rolled with a weighted roller (min 75 lbs) across the width of the sheet to ensure proper contact and adhesion. End laps should be a minimum of 4" and may be adhered using a hot air gun to improve adhesion. DynaGrip P/SA should not be left exposed. Install appropriate cap sheet over the installed DynaGrip Base P/SA beginning at same starting point with full width sheet.

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](http://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](http://www.jm.com/terms-conditions).