

Meets the requirements of ASTM D 6162, Type III, Grade S

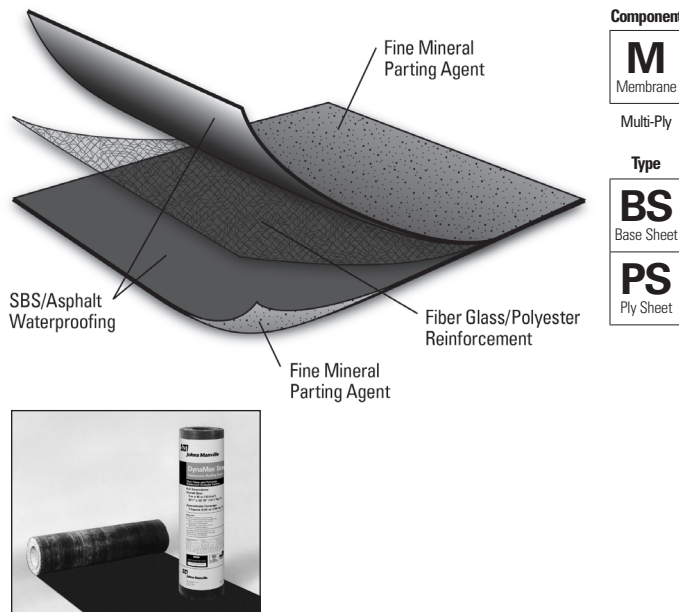
### Features and Components

DynaMax Smooth is used as a premium fiber glass/polyester-reinforced modified bitumen base, ply, or cap sheet in a variety of multi-ply roofing systems.

**High-Quality SBS Rubber and Asphalt Blend:** Lends elasticity and flexibility to the sheet. The elongation and recovery properties allow the product to easily accommodate the continual expansion and contraction experienced on all roofs.

**Fiber Glass/Polyester Reinforcement Mat:** Combines the excellent tensile strength, toughness and puncture resistance of a polyester mat with the dimensional stability and lay-flat characteristics of fiber glass.

**Surfacing:** A fine mineral parting agent is applied to both sides of the product.



**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	SA	MF	
Compatible with the selected multi-ply systems above											

Single Ply	TPO				PVC				EPDM			
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA		
Do not use in 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

### 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 30 years

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

### Codes and Approvals



### Product Application



- May be installed in Type IV asphalt or in an approved JM adhesive
- Laps may be installed using heat-welding techniques
- Refer to JM SBS modified bitumen specifications and detail drawings for application and slope information

### Packaging and Dimensions

Roll Coverage*	95.8 ft <sup>2</sup> (8.9 m <sup>2</sup> )
Roll Length	32' 10" (10.01 m)
Roll Width	39 3/8" (1 m)
Roll Weight	95 lb (43.1 kg)
Rolls per Pallet	20
Pallet Weight	2,000 lb (907 kg)
Pallets per Truck**	23
Producing Location	Macon, GA

\*Assumes a 4' side lap \*\*Assumes 48' flatbed truck.

**This product is made to order. Please contact your JM Sales Representative for pricing and minimum order quantity.**

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).

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## Typical Physical Properties<sup>1</sup>

Physical Properties		ASTM Test Method	Standard for ASTM D 6162, Type III, Grade S (Min.)	DynaMax Smooth	
				MD*	XMD**
Strength	Tensile Tear	D 5147	280 lbf (1245 N)	410 lbf (1814 N)	405 lbf (1801 N)
	Peak Load at 73.4°F (23°C)	D 5147	250 lbf/in (44 kN/m)	260 lbf/in (45.8 kN/m)	310 lbf/in (54.6 kN/m)
Longevity	Low Temp. Flexibility	D 5147	0°F (-18°C)	-10°F (-23°C)	
	Compound Stability	D 5147	195°F (91°C)	250°F (121°C)	
	Thickness	D 5147	80 mil (2.0 mm)	138 mil (3.51 mm)	
	Elongation at Peak Load at 73.4°F (23°C)	D 5147	3%	10%	20%
	Ultimate Elongation at 73.4°F (23°C)	D 5147	3%	24%	24%
Installation	Dimensional Stability	D 5147	0.5%	0.2%	0.2%
	Net Mass per Unit Area	D 146	55 lb/100 ft <sup>2</sup>	89 lb/100 ft <sup>2</sup>	
	Roll Weight	D 146	N/A	95 lb (43.1 kg)	

\*MD = Machine Direction

\*\*XMD = Cross-Machine Direction

1. Material tested in accordance with ASTM D 5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials.

## Supplemental Testing

Physical Properties		ASTM Test Method	DynaMax Smooth Result
Cyclic Joint Displacement	Initial	D 5849	Pass at 500 cycles*
	After 90-Day Heat Conditioning per ASTM D 5147	D 5849	Pass at 200 cycles*

\*In a min 2-ply system when adhered with any combination of cold applied, hot applied and or heat-weld that is approved by JM for application.