

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

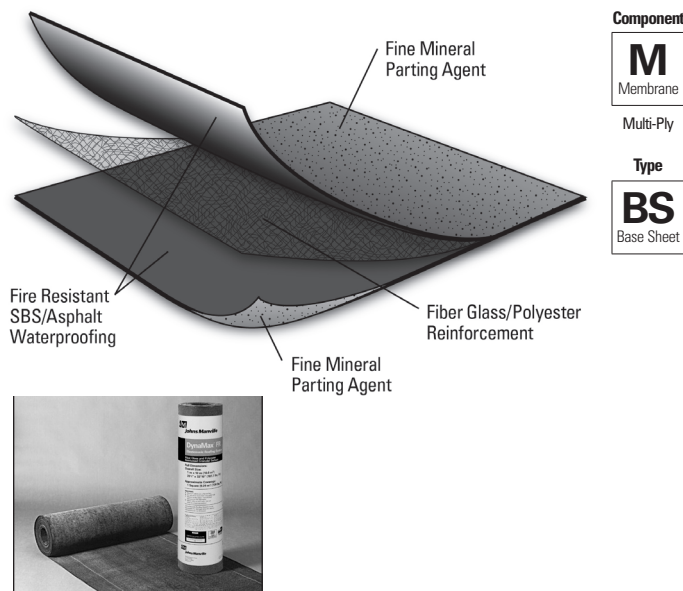
Features and Components

DynaMax FR Smooth is used as a premium fiber glass/polyester-reinforced modified bitumen base 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. The FR blend contains additional fire-retardant additives.

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.



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	AD	IW	BA
Compatible with the selected multi-ply systems above											

Single Ply	TPO				PVC				EPDM			
	MF	AD	SA	IW	MF	AD	IW	BA	MF	AD	SA	IW
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 ² (8.9 m ²)
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**	20
Producing Location	Macon, GA South Gate, CA

*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.



DynaMax[®] FR Smooth

Fiber Glass/Polyester-Reinforced
SBS Base, Ply, or Cap Sheet

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Typical Physical Properties¹

Physical Properties		ASTM Test Method	Standard for ASTM D 6162, Type III, Grade S (Min.)	DynaMax FR Smooth	
				MD*	XMD**
Strength	Tensile Tear	D 5147	280 lbf (1245 N)	400 lbf (1779 N)	425 lbf (1890 N)
	Peak Load at 73.4°F (23°C)	D 5147	250 lbf/in (44 kN/m)	260 lbf/in (45.8 kN/m)	250 lbf/in (44 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%	6%	5%
	Ultimate Elongation at 73.4°F (23°C)	D 5147	3%	22%	18%
Installation	Dimensional Stability	D 5147	0.5%	0.2%	0.2%
	Net Mass per Unit Area	D 146	55 lb/100 ft ²	89 lb/100 ft ²	
	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.