

Meets the requirements of ASTM D 6164, Type II, Grade S

Features and Components

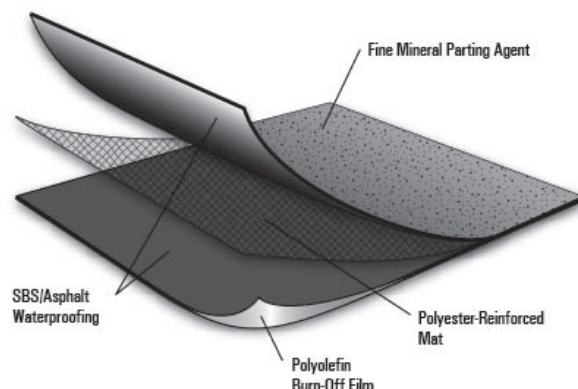
DynaWeld 250 S is used as a polyester-reinforced base or ply sheet in a variety of multi-ply roofing systems.

Fine Mineral Parting Agent: Nonblocking surface for use as a base sheet or ply sheet.

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.

Heavy Duty Polyester-Reinforcement Mat: Provides excellent tensile strength, toughness and puncture resistance, and it can accommodate stresses created by typical rooftop expansion and contraction forces.

Polyolefin Burn-Off Film: Promotes ease of heat welding.



Component

M
Membrane

Multi-Ply

Type

BS
Base Sheet

PS
Ply Sheet

FL
Flashing

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 the selected single ply systems above

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



Heat Weld

- Must 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 ft² (8.9 m²)
Roll Length	32' 10" (10 m)
Roll Width	39 3/8" (1 m)
Roll Weight	90 lb (40.9 kg)
Rolls per Pallet	20 Rolls per Pallet
Pallet Weight	1930 lbs Pallet Weight
Pallets per Truck**	20 Pallets per Truck
Producing Location	Macon

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

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Typical Physical Properties¹

Physical Properties		ASTM Test Method	Standard for ASTM D 6164, Type II, Grade S (Min.)	DynaWeld 250 S	
				MD*	XMD**
Strength	Tensile Tear	D 5147	70 lbf (311 N)	170 lb/in (29.8 kN/m)	120 lb/in (21.0 kN/m)
	Tensile Strength at 0°F (-18°C)	D 5147	100 lbf/in (17.51 kN/m)	150 lbf/in (26.25 kN/m)	115 lbf/in (20.1 kN/m)
Longevity	Low Temp. Flexibility	D 5147	0°F (-18°C)	-10°F (-23°C)	
	Thickness	D 5147	115 mil (2.9 mm)	138 mil (3.5 mm)	
	Elongation @ 0°F (-18°C)	D 5147	20%	45%	45%
Installation	Dimensional Stability	D 5147	< 1%	0.7%	0.3%
	Net Mass per Unit Area	D 146	70 lb/100 ft ² (31.9 kg/9.29 m ²)	84 lb/100 ft ² (38.8 kg/9.29 m ²)	
	Roll Weight	D 146	N/A	90 lb	

*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	DynaWeld 250 S 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.

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.

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