

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

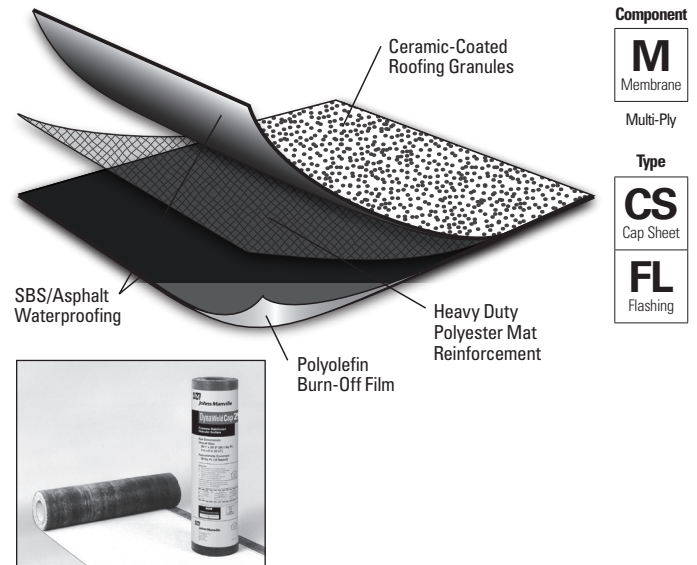
Features and Components

DynaWeld Cap 250 is used as a premium polyester-reinforced cap or flashing sheet in a variety of multi-ply roofing systems.

Ceramic-Coated Roofing Granules: Specifically engineered for optimal embedment in the SBS-blend sheet. The ceramic coating promotes excellent long-term adhesion.

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

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



Colors: White

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 with 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

Test	Initial	3-Year Aged
Reflectivity* (ASTM C 1549)	0.28	0.25
Emissivity* (ASTM C 1371)	0.89	0.92
Solar Reflectance Index* (SRI) - E 1980	29	26
Pre-Consumer Recycled Content	0%	
Post-Consumer Recycled Content	0%	

*Standard White Granule only

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 ft ² (8.9 m ²)
Roll Length	32' 10" (10 m)
Roll Width	39 3/8" (1 m)
Roll Weight	115 lb (52.2 kg)
Rolls per Pallet	20
Pallet Weight	2,430 lb (1,102 kg)
Pallets per Truck**	20
Producing Locations	Macon, GA

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

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Tested Physical Properties¹

Physical Properties		ASTM Test Method	Standard for ASTM D 6164, Type II, Grade G (Min.)	DynaWeld Cap 250	
				MD*	XMD**
Strength	Tensile Tear	D 5147	70 lbf (311 N)	181 lbf (805 N)	124 lbf (552 N)
	Peak Load at -18°C (0°F)	D 5147	100 lbf/in (17.5 kN/m)	184 lbf/in (32.2 kN/m)	122 lbf/in (21.4 kN/m)
	Peak Load at 23°C (73.4°F)	D 5147	70 lbf/in (12 kN/m)	106 lbf/in (18.6 kN/m)	84 lbf/in (14.7 kN/m)
Longevity	Low Temp. Flexibility	Unconditioned	D 5147	0°F (-18°C)	-10°F (-23°C)
		90-Day Heat Conditioned	D 5147	0°F (-18°C)	-10°F (-23°C)
	Compound Stability	D 5147	215°F (102°C)	250°F (121°C)	
	Granule Loss	D 4977	2 g (0.07 oz)	0.7 g (0.02 oz)	
	Thickness	D 5147	130 mil. (3.3 mm)	165 mil. (4.2 mm)	
	Selva Edge Thickness	D 5147	N/A	134 mil. (3.4 mm)	
	Elongation at Peak Load at -18°C (0°F)	D 5147	20%	46%	54%
	Elongation at Peak Load at 23°C (73.4°F)	D 5147	50%	58%	71%
Ultimate Elongation at 23°C (73.4°F)	D 5147	60%	61%	76%	
Aged Performance	90-Day Heat-Conditioned Peak Load at -18°C (0°F)	D 5147	100 lbf/in (17.5 kN/m)	178 lbf/in (31.2 kN/m)	119 lbf/in (20.8 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at -18°C (0°F)	D 5147	20%	49%	60%
	90-Day Heat-Conditioned Peak Load at 23°C (73.4°F)	D 5147	70 lbf/in (12 kN/m)	133 lbf/in (23.3 kN/m)	96 lbf/in (16.8 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 23°C (73.4°F)	D 5147	50%	58%	68%
	90-Day Heat-Conditioned Ultimate Elongation at 23°C (73.4°F)	D 5147	60%	60%	71%
Installation	Dimensional Stability	D 5147	1.0%	0.3%	0.1%
	Net Mass per Unit Area	D 146	90 lb/100 ft ² (41 kg/9.29 m ²)	110 lb/100 ft ² (49.9 kg/9.29 m ²)	
	Roll Weight	D 146	N/A	115 lb (52.2 kg)	

*MD = Machine Direction

**XMD = Cross-Machine Direction

1. Material tested in accordance with ASTM D5147.

Supplemental Testing

Physical Properties		ASTM Test Method	DynaWeld Cap 250 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*
Coefficient of Friction	Static	D 1894	1.32
	Kinetic	D 1894	0.89

*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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