

Meets the requirements of ASTM D 6163, Type II, Grade G

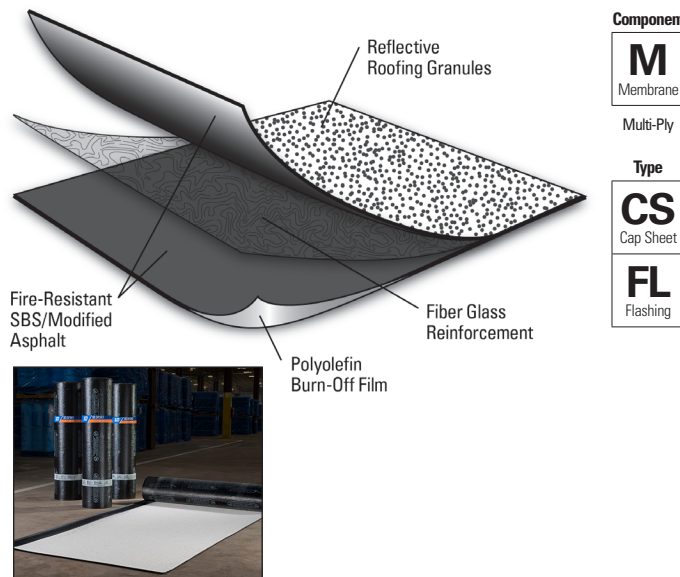
## Features and Components

**Reflective Roofing Granules:** Specifically engineered for high reflectivity, durability and optimal embedment in the SBS modified bitumen sheet.

**High-Quality SBS Rubber and Asphalt Blend:** Lends elasticity and flexibility to the sheet and contains fire-retardant additives. The thicker JM SBS coating provides more waterproofing value.

**Heavy Weight Fiber Glass Reinforcement Mat:** Offers excellent dimensional stability and tensile strength and withstands differential movement. Because it has no thermal memory, less time is needed to relax the sheet, allowing for ease of installation. The fiber glass mat also has good lay-flat characteristics.

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



<b>Component</b>
<b>M</b> Membrane
Multi-Ply
<b>Type</b>
<b>CS</b> Cap Sheet
<b>FL</b> Flashing

**Color:** Bright white only

**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	BA	
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 with 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

CRRC®	Test	Initial	3-Year Aged**
	Reflectivity (ASTM C 1549)		0.72
Emissivity (ASTM C 1371)		0.90	0.90
Rated Product ID: 0662-0042b Licensed Manufacturer ID: 0662 Classification: Production Line			
LEED®	Solar Reflectance Index (SRI) - E 1980	88	77
	Recycled Content	0%	

\* Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building construction may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating normal procedures.

\*\* Tested in accordance with Rapid Ratings D7897.

CAN BE USED TO COMPLY WITH 2016 TITLE 24 PART 6 COOL ROOF REQUIREMENTS

## 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 for guarantee lengths.

## 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 <sup>2</sup> (8.9 m <sup>2</sup> )
Roll Length	32' 10" (10 m)
Roll Width	39 3/8" (1 m)
Roll Weight	100 lb (45.4 kg)
Rolls per Pallet	20
Pallet Weight	2,055 lb (932.1 kg)
Pallets per Truck**	20

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

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).

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## Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 6163, Type 1, Grade G (Min.)	DynaWeld Cap FR XT CR G	
				MD*	XMD**
Strength	Tensile Tear	D 5147	35 lbf (156 N)	105 lbf (467 N)	90 lbf (400 N)
	Peak Load at 0°F (-18°C)	D 5147	70 lbf/in (12.3 kN/m)	130 lbf/in (22.8 kN/m)	100 lbf/in (17.5 kN/m)
	Peak Load at 77°F (23°C)	D 5147	30 lbf/in (5.3 kN/m)	70 lbf/in (12.3 kN/m)	50 lbf/in (8.8 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	95 mil (2.4 mm)	165 mil (4.2 mm)	
	Selvage Edge Thickness	D 5147	N/A	130 mil (3.3 mm)	
	Elongation at Peak Load at 0°F (-18°C)	D 5147	1%	5%	5%
	Elongation at Peak Load at 73.4°F (23°C)	D 5147	2%	4%	4%
Ultimate Elongation at 77°F	D 5147	3%	50%	55%	
Aged Performance	90-Day Heat-Conditioned Peak Load at 0°F (-18°C)	D 5147	70 lbf/in (12.3 kN/m)	145 lbf/in (25.4 kN/m)	105 lbf/in (18.4 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C)	D 5147	1%	5%	4%
	90-Day Heat-Conditioned Peak Load at 73.4°F (23°C)	D 5147	30 lbf/in (5.3 kN/m)	110 lbf/in (19.3 kN/m)	75 lbf/in (13.1 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C)	D 5147	2%	4%	4%
	90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C)	D 5147	3%	6%	7%
Installation	Dimensional Stability	D 5147	0.5%	0.1%	0.1%
	Back Coating Thickness	D 5147	40 mil (1.0 mm)	47 mil (1.2 mm)	
	Net Mass per Unit Area	D 146	65 lb/100 ft² (30 kg/9.29 m²)	90 lb/100 ft² (41 kg/9.29 m²)	
	Roll Weight	D 146	N/A	105 lb (47.6 kg)	

\*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.

## Supplemental Testing

Physical Properties		ASTM Test Method	Standard for ASTM D 6163, Type 1, Grade G (Min.)	DynaWeld Cap FR XT CR G Result
Cyclic Joint Displacement	Initial	D 5849	N/A	Pass at 500 cycles*
	After 90-Day Heat Conditioning per ASTM D 5147	D 5849	N/A	Pass at 200 cycles*
	After 180-Day Heat Conditioning per ASTM D 5147	D 5849	N/A	Pass at 200 cycles*

\*When heat welded to DynaWeld Base or DynaBase HW.