

Meets the requirements of ASTM D 6162, Type I, Grade G

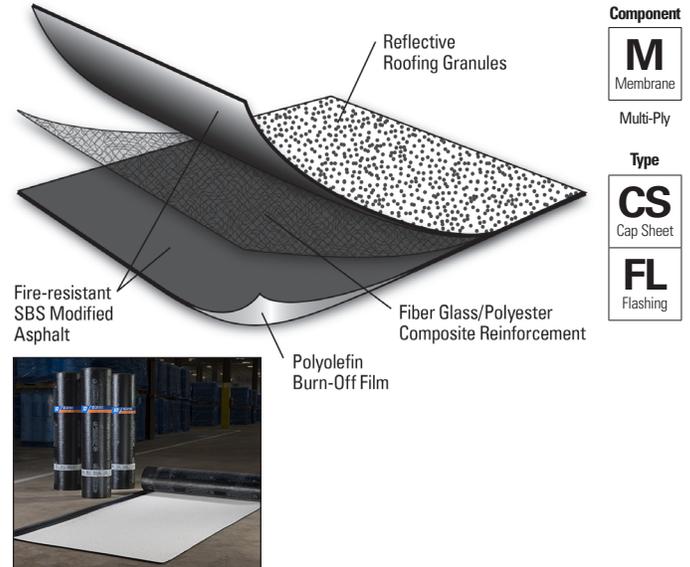
Features and Components

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.

Fiber Glass / Polyester Reinforcement Mat: Provides stability, toughness and puncture resistance to the product and resists moisture absorption. The reinforcement also provides high tensile strength and affords better natural resistance to the other factors which affect roof performance.

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



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	CA	HW	HA	CA	HW	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 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

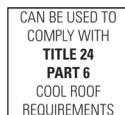
Energy and the Environment

CRRCC®	Test	Initial	3-Year Aged**
		Reflectivity (ASTM C 1549)	0.70
	Emissivity (ASTM C 1371)	0.90	0.91
Rated Product ID: 0662-0042c Licensed Manufacturer ID: 0662 Classification: Production Line			
LEED®	Solar Reflectance Index (SRI) - E 1980	85	80
	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.



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 ² (8.9 m ²)
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
Producing Locations	Macon, GA

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

Storage

Shelf Life*	3 months
Storage Conditions*	Max temperature 120°F (48.8°C) and out of direct sunlight

*Extended storage of CR G membranes at elevated temperatures can lead to staining prior to installation

Meets the requirements of ASTM D 6162, Type I, Grade G

Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 6162, Type I, Grade G (Min.)	DynaKap FR T1 HW CR G	
				MD*	XMD**
Strength	Tensile Tear	D 5147	65 lbf (289 N)	165 lbf (734 N)	160 lbf (712 N)
	Peak Load at 0°F (-18°C)	D 5147	75 lbf (34 kgf)	190 lbf (86 kgf)	170 lbf (77 kgf)
	Peak Load at 73.4°F (23°C)	D 5147	75 lbf (34 kgf)	120 lbf (54 kgf)	100 lbf (45 kgf)
Longevity	Low Temp. Flexibility	Unconditioned	D 5147	0°F (-18°C)	-20°F (-29°C)
		90-Day Heat Conditioned	D 5147	0°F (-18°C)	-15°F (-26°C)
	Compound Stability	D 5147	195°F (91°C)	250°F (121°C)	
	Granule Loss	D 4977	2g (0.07 oz)	0.7 g (0.02 oz)	
	Thickness	D 5147	110 mil (2.8 mm)	157 mil (4.0 mm)	
	Selvage Edge Thickness	D 5147	N/A	119 mil (3.0 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%	6%	6%
	Ultimate Elongation at 73.4°F (23°C)	D 5147	26%	40%	40%
Aged Performance	90-Day Heat-Conditioned Peak Load at 0°F (-18°C)	D 5147	75 lbf (34 kgf)	190 lbf (86 kgf)	170 lbf (77 kgf)
	90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C)	D 5147	1%	5%	5%
	90-Day Heat-Conditioned Peak Load at 73.4°F (23°C)	D 5147	75 lbf (34 kgf)	165 lbf (75 kgf)	145 lbf (66 kgf)
	90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C)	D 5147	2%	5%	5%
	90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C)	D 5147	9%	9%	9%
Installation	Dimensional Stability	D 5147	0.5%	0.2%	0.2%
	Net Mass per Unit Area	D 146	60 lb/100 ft ² (27.2 kg/9.29 m ²)	90 lb/100 ft ² (41 kg/9.29 m ²)	
	Roll Weight	D 146	N/A	100 lb (45.4 kg)	

*MD = Machine Direction

**XMD = Cross-Machine Direction

Note: All data represents tested values.

Supplemental Testing

Physical Properties		ASTM Test Method	DynaKap FR T1 CR G HW 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	1.34
	Kinetic	D 1894	1.06

*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.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit www.jm.com/terms-conditions.