

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

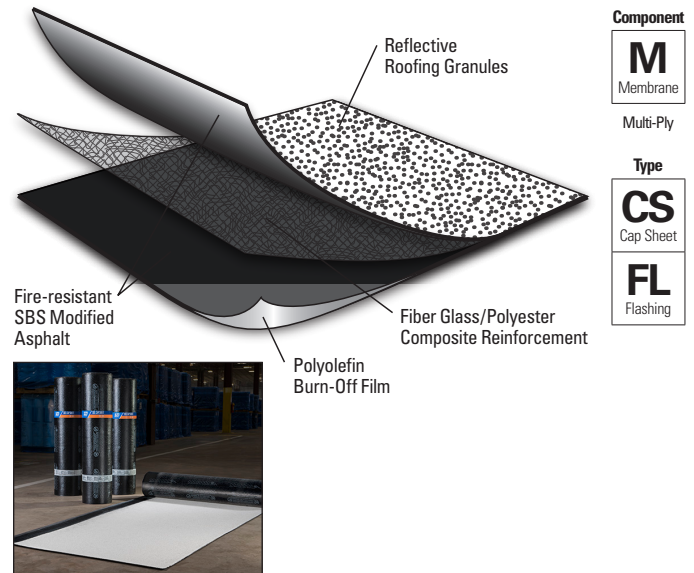
Features and Components

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.



Component
M Membrane
Multi-Ply
Type
CS Cap Sheet
FL 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	CA	HW	HA	CA	HW
<i>Compatible with the selected Multi-Ply systems above</i>							

Single Ply	TPO		PVC		EPDM	
	MF	FA	MF	FA	MF	FA
<i>Do not use in Single Ply systems</i>						

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

Energy and the Environment

CRRC*	Test	Initial	3-Year Aged**
		Reflectivity (ASTM C 1549)	0.72
	Emissivity (ASTM C 1371)	0.89	0.89
Rated Product ID: 0662-0042a Licensed Manufacturer ID: 0662 Classification: Production Line			
This product meets the requirements of California Title 24, Part 6			
LEED®	Solar Reflectance Index (SRI) - E 1980	88	81
	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

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



DYNAKAP® FR T1 HW CR G

Fire-Retardant, Fiber Glass/Polyester-Reinforced, SBS Reflective Mineral-Surfaced, Cool Roof Cap or Flashing Sheet

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 CR G HW	
				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.