

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

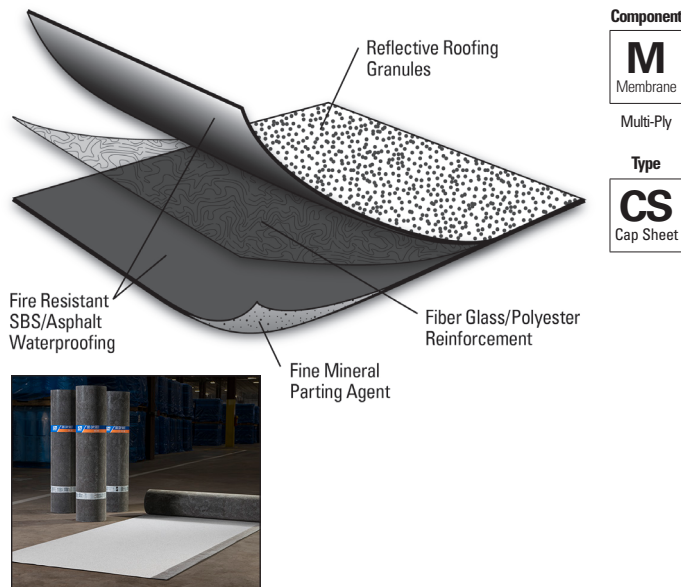
Features and Components

DynaMax FR CR G is used as a fiber glass/polyester-reinforced cool roof cap sheet in a variety of multi-ply roofing systems.

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. The elongation and recovery properties allow the product to easily accommodate the continual expansion and contraction experienced on all roofs. The FR blend contains additional fire-retardant additives.

Fiber Glass/Polyester Reinforcement Mat: Combines the excellent tensile strength, toughness and puncture resistance of a polyester mat with the dimensional stability and lay-flat characteristics of fiber glass.



Colors: 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	
<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

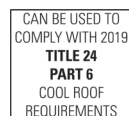
Energy and the Environment

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	89	78
	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 or guarantee terms.

Codes and Approvals



Product Application



- May be installed in Type IV asphalt or in an approved JM adhesive
- Laps may 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" (10.01 m)
Roll Width	39 3/8" (1 m)
Roll Weight	105 lb (47.63 kg)
Rolls per Pallet	20
Pallet Weight	2,200 lb (998 kg)
Pallets per Truck**	20
Producing Location	Macon, GA

*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.



DynaMax FR CR G

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

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

Typical Physical Properties¹

Physical Properties		ASTM Test Method	Standard for ASTM D 6162, Type III, Grade G (Min.)	DynaMax FR CR G	
				MD*	XMD**
Strength	Tensile Tear	D 5147	280 lbf (1245 N)	420 lbf (1868 N)	425 lbf (1890 N)
	Peak Load at 73.4°F (23°C)	D 5147	250 lbf/in (44 kN/m)	300 lbf/in (52.8 kN/m)	315 lbf/in (55.5 kN/m)
Longevity	Low Temp. Flexibility	D 5147	0°F (-18°C)	-10°F (-23°C)	
	Compound Stability	D 5147	195°F (91°C)	250°F (121°C)	
	Granule Loss	D 4977	2 g (0.07 oz)	0.7 g (0.025 oz)	
	Thickness	D 5147	135 mil (3.5 mm)	153 mil (3.89 mm)	
	Selvage Edge Thickness	D 5147	N/A	133 mil (3.38 mm)	
	Elongation at Peak Load at 73.4°F (23°C)	D 5147	3%	5%	7%
	Ultimate Elongation at 73.4°F (23°C)	D 5147	3%	20%	10%
Installation	Dimensional Stability	D 5147	0.5%	0.2%	0.2%
	Net Mass per Unit Area	D 146	85 lb/100 ft ²	98 lb/100 ft ²	
	Roll Weight	D 146	N/A	105 lb (47.63 kg)	

*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.