

Meets the requirements of ASTM D 6162, Type 1, Grade G

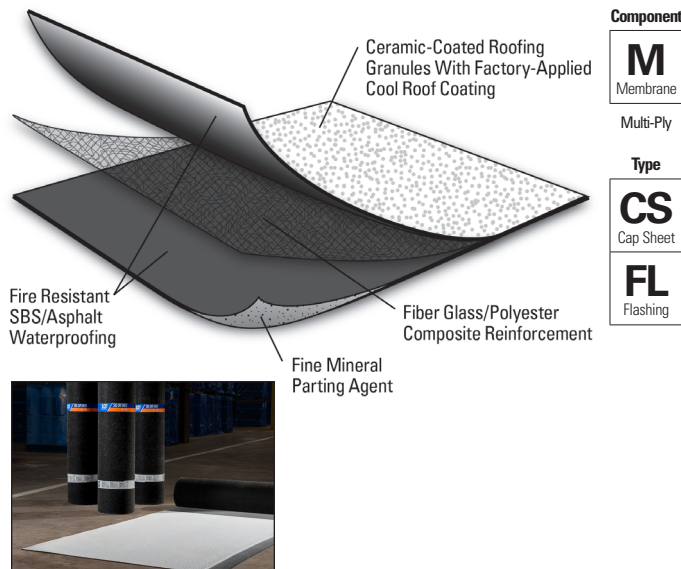
### Features and Components

DynaKap FR T1 CR is used as a premium fiber glass/polyester-reinforced cool roof cap sheet in a variety of multi-ply roofing systems.

**Ceramic-Coated Roofing Granules With Factory-Applied Cool Roof Coating:** The cool roof technology combines the proven UV protection of ceramic-coated granules with a highly reflective coating, offering long-term performance and potential energy savings.

**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.



<b>Component</b>	<b>M</b> Membrane
<b>Multi-Ply</b>	
<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	IW	BA	AD
<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 in 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

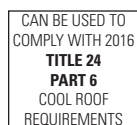
### Energy and the Environment

CRRC*	Test	Initial	3-Year Aged**
		Reflectivity (ASTM C 1549)	0.83
	Emissivity (ASTM C 1371)	0.91	0.88
Rated Product ID: 0662-0007b Licensed Manufacturer ID: 0662 Classification: Production Line			
LEED®	Solar Reflectance Index (SRI) - E 1980	104	95
	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



### Installation/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 <sup>2</sup> (8.9 m <sup>2</sup> )
Roll Length	32' 10" (10.01 m)
Roll Width	39 3/8" (1 m)
Roll Weight	108 lb (49.0 kg)
Rolls per Pallet	20
Pallet Weight	2,250 lb (1,021 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 6162, Type I, Grade G (Min.)	DynaKap FR T1 CR	
				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/in (13.1 kN/m)	190 lbf/in (33.3 kN/m)	170 lbf/in (29.8 kN/m)
	Peak Load at 73.4°F (23°C)	D 5147	75 lbf/in (13.1 kN/m)	120 lbf/in (21 kN/m)	100 lbf/in (17.5 kN/m)
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	2 g (0.07 oz)	0.7 g (0.02 oz)	
	Thickness	D 5147	110 mil (2.8 mm)	150 mil (3.8 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/in (13.1 kN/m)	190 lbf/in (33.3 kN/m)	170 lbf/in (29.8 kN/m)
	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/in (13.1 kN/m)	165 lbf/in (28.9 kN/m)	145 lbf/in (25.4 kN/m)
	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 <sup>2</sup> (27.2 kg/9.29 m <sup>2</sup> )	103 lb/100 ft <sup>2</sup> (46.7 kg/9.29 m <sup>2</sup> )	
	Roll Weight	D 146	N/A	108 lb (49.0 kg)	

\*MD = Machine Direction

\*\*XMD = Cross-Machine Direction

Note: All data represents tested values.