DYNAKAP® T1

Fiber Glass/Polyester-Reinforced, SBS Mineral-Surfaced, Cap or Flashing Sheet

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

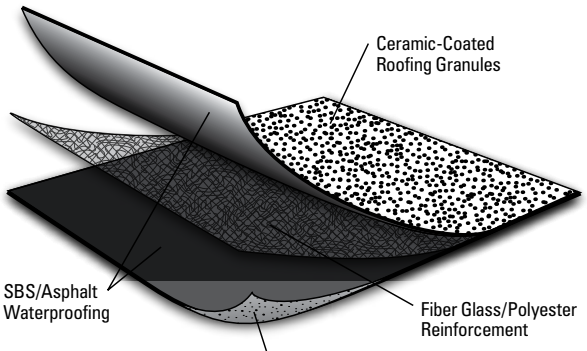
Features and Components

DynaKap T1 is used as a fiber glass/polyester-reinforced mineral-surfaced cap sheet in a variety of multi-ply roofing systems.

Ceramic-Coated Roofing Granules: Specifically engineered for optimal embedment in the SBS-blend sheet. The ceramic coating promotes excellent long-term adhesion. Granules are available in White or Black.

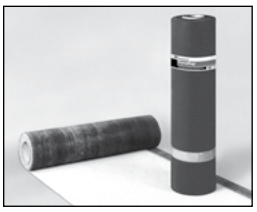
High-Quality SBS Rubber and Asphalt Blend: Lends elasticity and flexibility to the sheet. The elongation and recovery properties allow the product to easily accommodate the continual expansion and contraction experienced on all roofs.

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.



Component
M Membrane
Multi-Ply

Type
CS Cap Sheet
FL Flashing



Colors: White or Black.

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
	Compatible with the selected Multi-Ply systems above							

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
	Do not use with Single Ply systems						

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

Test	Initial	3-Year Aged
Reflectivity* (ASTM C 1549)	0.26	0.27
Emissivity* (ASTM C 1371)	0.87	0.84
Solar Reflectance Index* (SRI) - E 1980	25	25
Pre-Consumer Recycled Content	0%	
Post-Consumer Recycled Content	0%	

*Standard White Granule only

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

CLASSIFIED C UL US

FM APPROVED

MIAMI-DADE COUNTY APPROVED
Miami-Dade County Product Control Approved

Product Application

Hot Asphalt Cold Applied

- 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 ft² (8 .9 m²)
Roll Length	32' 10" (10.01 m)
Roll Width	39 ⅜" (1 m)
Roll Weight	105 lb (47.6 kg)
Rolls per Pallet	20
Pallet Weight	2,225 lb (1,009 kg)
Pallets per Truck**	20

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

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.

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Tested Physical Properties

Physical Properties			ASTM Test Method	Standard for ASTM D 6162, Type I, Grade G (Min.)	DynaKap T1	
					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)	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/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 ft² (27.2 kg/9.29 m²)	100 lb/100 ft² (45.4 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 Method for Sampling and Testing Modified Bituminous Sheet Materials.

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