



Meets the requirements of ASTM D 6164,  
Type II, Grade G

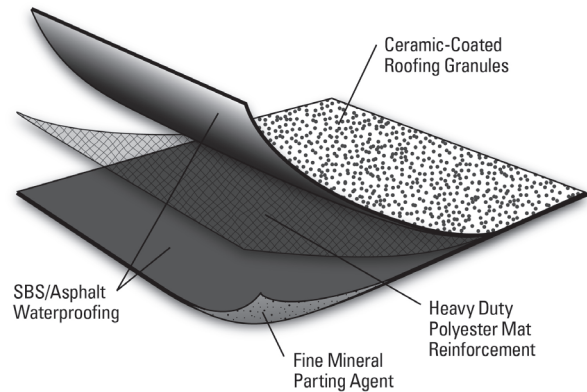
## Features and Components

DynaLastic 250 .86 Sq is used as a premium polyester-reinforced cap or flashing sheet in a variety of multi-ply roofing systems.

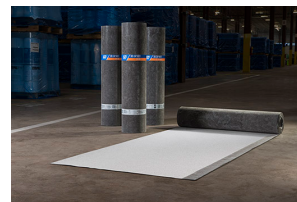
**Ceramic-Coated Roofing Granules:** Specifically engineered for optimal embedment in the SBS-blend sheet. The ceramic coating promotes excellent long-term adhesion.

**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.

**Heavy Duty Polyester-Reinforcement Mat:** Provides excellent tensile strength, toughness, and puncture resistance and can accommodate stresses created by typical roof top expansion and contraction forces.



Component	<b>M</b> Membrane
Type	<b>CS</b> Cap Sheet
	<b>FL</b> Flashing



**Color:** White, Grey, Brown and Dark Brown

**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

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



## 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*	77.38 ft <sup>2</sup> (7.2 m <sup>2</sup> )
Roll Length	26' 3" (8 m)
Roll Width	39 3/8" (1 m)
Roll Weight	95 lb (43.09 kg)
Rolls per Pallet	20
Pallet Weight	2,030 lb (920.8 kg)
Pallets per Truck**	20

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

Meets the requirements of ASTM D 6164, Type II, Grade G

## Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 6164, Type II, Grade G (Min.)	DynaLastic 250 .86 Sq	
				MD*	XMD**
Strength	Tensile Tear	D 5147	70 lbf (311 N)	181 lbf (805 N)	124 lbf (552 N)
	Peak Load at 0°F (-18°C)	D 5147	100 lbf/in (17.5 kN/m)	184 lbf/in (32.2 kN/m)	122 lbf/in (21.4 kN/m)
	Peak Load at 73.4°F (23°C)	D 5147	70 lbf/in (12 kN/m)	106 lbf/in (18.6 kN/m)	84 lbf/in (14.7 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)	-20°F (-29°C)
	Compound Stability	D 5147	215°F (102°C)	250°F (121°C)	
	Granule Loss	D 4977	2 g (0.07 oz)	0.7 g (0.02 oz)	
	Thickness	D 5147	130 mil (3.3 mm)	165 mil (4.2 mm)	
	Selvage Edge Thickness	D 5147	N/A	134 mil (3.4 mm)	
	Elongation at Peak Load at 0°F (-18°C)	D 5147	20%	46%	54%
	Elongation at Peak Load at 73.4°F (23°C)	D 5147	50%	58%	71%
Aged Performance	Ultimate Elongation at 73.4°F (23°C)	D 5147	60%	61%	76%
	90-Day Heat-Conditioned Peak Load at 0°F (-18°C)	D 5147	100 lbf/in (17.5 kN/m)	178 lbf/in (31.2 kN/m)	119 lbf/in (20.8 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C)	D 5147	20%	49%	60%
	90-Day Heat-Conditioned Peak Load at 73.4°F (23°C)	D 5147	70 lbf/in (12 kN/m)	133 lbf/in (23.3 kN/m)	96 lbf/in (16.8 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C)	D 5147	50%	58%	68%
Installation	90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C)	D 5147	60%	60%	71%
	Dimensional Stability	D 5147	1.0%	0.3%	0.1%
	Net Mass per Unit Area	D 146	90 lb/100 ft <sup>2</sup> (41 kg/9.29 m <sup>2</sup> )	110 lb/100 ft <sup>2</sup> (49.9 kg/9.29 m <sup>2</sup> )	
	Roll Weight	D 146	N/A	95 lb (43.09 kg)	

\*MD = Machine Direction

\*\*XMD = Cross-Machine Direction

Note: All data represents tested values.