JM CleanBond® SBS Cap Sheet

Self-Adhering, Fiber Glass-Reinforced, Fire-Retardant SBS Cap Sheet

Meets the requirements of ASTM D 6163, Type I, Grade G

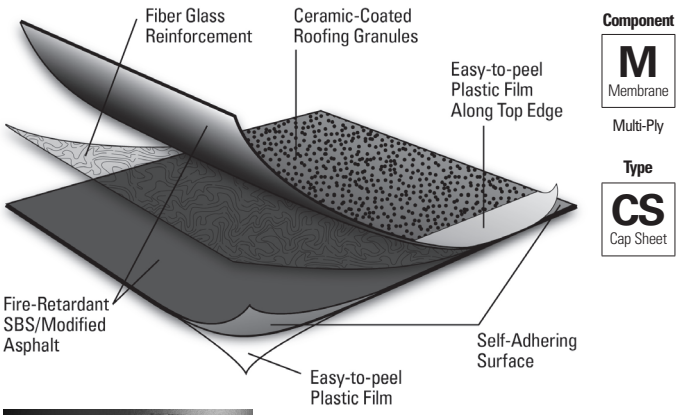
Features and Components

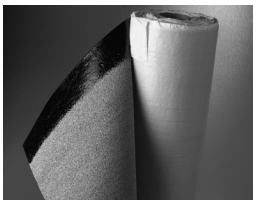
Ceramic-Coated Roofing Granules: Specifically engineered for optimal embedment in the SBS-blend sheet. The ceramic coating promotes excellent long-term adhesion.

High-Quality SBS Rubber and Asphalt Blend: Provides full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet, and includes fire-retardant additives.

Fiber Glass Reinforcement Mat: Offers excellent dimensional stability and tensile strength and withstands differential movement.

Self-Adhering Modified Bitumen: The product's self-adhering feature with an easy-to-peel plastic film on the bottom side of the sheet allows for installation without the need of hot asphalt or heat-welding.





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		
	Compatible with the selected multi-ply systems above														
Single Ply	TPO					PVC					EPDM				
	MF	AD	SA	IW		MF	AD		IW		MF	AD		BA	
	Do not use in single ply systems														

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 25 years

*Contact JM Technical Services for specific system requirements for guarantee lengths.

Codes and Approvals

CLASSIFIED C UL US

FM APPROVED

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

Installation/Application

Self-Adhered

- Apply in dry weather and when the roll is at least 60°F (16°C) at the time of application
- Laps may be installed using heat-welding techniques
- Refer to JM SBS modified bitumen specifications and detail drawings for application and slope information

JM Recommended Substrates:

*JM*CleanBond SBS Cap Sheet may only be applied over *JM*CleanBond® SBS Base Sheet. For recommended substrates for *JM*CleanBond® SBS Base Sheet, see data sheet for *JM*CleanBond® SBS Base Sheet (RS-4800).

Packaging and Dimensions

Roll Coverage*	95.8 ft² (8.9 m²)
Roll Length	32' 10" (10.01 m)
Roll Width	39 ⅜" (1 m)
Rolls per Pallet	20
Pallet Weight	107 lb (49 kg)

*Assumes a 4" side lap.

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 6163, Type 1, Grade G (Min.)	*JM*CleanBond SBS Cap Sheet	
					MD*	XMD**
Strength	Tensile Tear		D 5147	35 lbf (156 N)	100 lbf (445 N)	90 lbf (400 N)
	Peak Load at 0°F (-18°C)		D 5147	70 lbf/in (12.3 kN/m)	130 lbf/in (22.8 kN/m)	100 lbf/in (17.5 kN/m)
	Peak Load at 73.4°F (23°C)		D 5147	30 lbf/in (5.3 kN/m)	70 lbf/in (12.3 kN/m)	50 lbf/in (8.8 kN/m)
Longevity	Low Temp. Flexibility	Unconditioned	D 5147	0°F (-18°C)	-10°F (-23°C)	
		90-Day Heat Conditioned	D 5147	0°F (-18°C)	-10°F (-23°C)	
	Compound Stability		D 5147	215°F (102°C)	215°F (102°C)	
	Granule Loss		D 4977	2 g (0.07 oz)	0.7 g (0.02 oz)	
	Thickness		D 5147	95 mil (2.4 mm)	157 mil (4.0 mm)	
	Selvage Edge Thickness		D 5147	N/A	110 mil (2.8 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%	4%	4%
	Ultimate Elongation at 73.4°F (23°C)		D 5147	3%	50%	55%
Aged Performance	90-Day Heat-Conditioned Peak Load at 0°F (-18°C)		D 5147	70 lbf/in (12.3 kN/m)	135 lbf/in (23.6 kN/m)	100 lbf/in (17.5 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C)		D 5147	1%	5%	4%
	90-Day Heat-Conditioned Peak Load at 73.4°F (23°C)		D 5147	30 lbf/in (5.3 kN/m)	100 lbf/in (17.5 kN/m)	75 lbf/in (13.1 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C)		D 5147	2%	4%	4%
	90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C)		D 5147	3%	5%	6%
Installation	Dimensional Stability		D 5147	0.5%	0.1%	0.1%
	Net Mass per Unit Area		D 146	65 lb/100 ft² (30 kg/9.29 m²)	94 lb/100 ft² (43 kg/9.29 m²)	
	Roll Weight		D 146	N/A	107 lb (49 kg)	

*MD = Machine Direction
**XMD = Cross-Machine Direction

Note: Material tested in accordance with ASTM D 5147 Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Materials.

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