

Description

Johns Manville *JMCleanBond* SBS Cap Sheet is a fire-resistant, modified bitumen sheet incorporating the features of a strong fiber glass mat with a blend of SBS (Styrene-Butadiene-Styrene) rubber, high-quality asphalt and fire-retardant additives. The elastomeric asphaltic blend has full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet. The inorganic fiber glass reinforcement provides tensile strength, dimensional stability, fire resistance and toughness to the sheet, and resists moisture absorption. The covering layer of ceramic-coated roofing granules provides durability along with superior resistance to damage from weather and foot traffic.

Use

JMCleanBond SBS Cap Sheet is a quality modified bitumen sheet designed for use in UL® rated, multiple-ply, self-adhering roofing systems. It is ideal for low-slope applications (inclines up to 3" per foot [250 mm/m]). The modified asphalt has an easy-to-peel, removable-release plastic film on the bottom of the sheet and the selvage.

Note: When adhering over mineral surfaces (i.e., at end laps), JM recommends heat sinking with a heat welder to bring the modified asphalt to the surface, in order to facilitate an asphalt-to-asphalt bond. MBR® Utility Cement or MBR® Flashing Cement can be used as alternatives in the end laps. *JMCleanBond* SBS Cap Sheet is not self-adhering by itself and must be used in conjunction with *JMCleanBond*® SBS Base Sheet.

Note: Apply in dry weather and when the roll is at least 60°F (16°C) at the time of application.



Advantages

- The fiber glass mat provides excellent tensile strength and dimensional stability.
- The elongation and recovery properties of the SBS blend allow the product to easily accommodate the continual expansion and contraction strains experienced on all roofs.
- The product's self-adhering features allow for installation without the need for hot asphalt or heat welding.
- Fire-resistant formulation
- FM Global® and UL® approved

Typical Physical Properties*

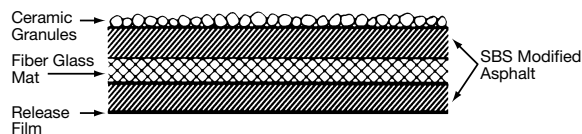
JMCleanBond SBS Cap Sheet meets or exceeds the requirements of ASTM D 6163, Type I, Grade G.

Thickness	160 mil (4.06 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	170 lb force/in. width (29.75 kN/m)
Cross Machine Direction	120 lb force/in. width (21.0 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	8.0%
Cross Machine Direction	7.0%
Tensile-Tear	
Machine Direction	130 lb/in. (22.75 kN/m)
Cross Machine Direction	90 lb/in. (15.75 kN/m)
Low Temperature Flexibility	-20°F (-29°C)
Dimensional Stability	
Machine Direction	0.20% change
Cross Machine Direction	0.20% change

* Material tested in accordance with ASTM D 5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials.

Sizes

Roll size	100 ft ² (9.29 m ²)
Roll weight	107 lb (48.53 kg)
Roll length	32' 10" (10.01 m)
Roll width	39 3/8" (1 m)



JM Recommended Substrates

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

Refer to the Material Safety Data Sheet and product label prior to using this product.