

Description

BICOR S is an APP modified bitumen sheet. It incorporates the features of a durable, polyester composite and a heavy glass fiber mat that is saturated and coated with a blend of APP (Atactic Polypropylene) polymer and high-quality asphalt.

BICOR S has a construction that provides an extremely durable sheet with excellent weathering properties. The premium APP asphalt blend is formulated to provide excellent physical properties for ease of installation and long-term roof performance.

The reinforcement provides high tensile strength, toughness and puncture resistance, and can accommodate stresses created by typical rooftop expansion and contraction forces.

Both sides of the sheets are treated with a fine mineral surfacing to prevent blocking in the roll.

Use

BICOR S is designed for use as a premium, modified bitumen sheet either as a cap sheet or as an interply sheet in a multiple-roofing system. When used as a cap sheet, the use of an approved surfacing is required. When coated with specific UL® listed coatings, UL Class A ratings may be obtained in numerous constructions, both new and re-roof at slopes up to 3½" per foot (291 mm/m). This product may be installed using heat-welding application techniques or in JM MBR® Cold Application Adhesive.



Advantages

- The fiber glass mat reinforcement provides excellent tensile and tear properties as well as fire resistance and dimensional strength.
- The premium quality APP blend allows for excellent weathering characteristics.
- The product's flexibility and dimensional stability provide ease of handling, resulting in quick installations.

Typical Physical Properties

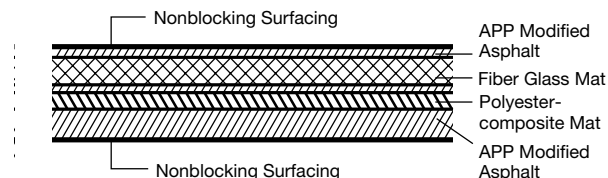
Material meets or exceeds the criteria for ASTM 6223, Type I, Grade S.

Thickness	160 mil (4 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	219 lb force/in. width (38.33 kN/m)
Cross Machine Direction	177 lb force/in. width (30.98 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	5.5%
Cross Machine Direction	5.5%
Tensile-Tear	
Machine Direction	173 lb/in. (30.98 kN/m)
Cross Machine Direction	151 lb/in. (26.43 kN/m)
Low Temperature Flexibility	9°F (-13°C)
Dimensional Stability	
Machine Direction	0.10% change
Cross Machine Direction	0.10% change

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

Sizes

Roll size	Approximately 100 ft² (9.29 m²)
Roll weight	90 lb (40.8 kg)
Roll length	32' 10" (10.01 m)
Roll width	39¾" (1 m)



This is a special order product. Contact your JM sales representative about availability and lead times.

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