

Description

DynaBase PR is a modified bitumen sheet incorporating the features of a polyester mat with a blend of SBS (Styrene-Butadiene-Styrene) rubber and high-quality asphalt. The elastomeric asphaltic blend has full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet. The polyester mat provides good tensile strength, toughness and puncture resistance, and it can accommodate stress created by typical rooftop expansion and contraction forces. A fine material parting agent is applied to both sides of the product.

Use

DynaBase PR is used in multi-ply modified bitumen membranes. It may be used as the base ply when installed over a JM Roofing Systems insulation. It may also be used as a base/ply sheet over insulated systems employing a traditional fiber glass ply felt or over nailable substrates with or without a standard fiber glass base felt, such as PermaPly® 28.

DynaBase PR may be installed in hot Type III or IV asphalt, JM MBR® Bonding Adhesive or JM MBR® Cold Application Adhesive. This product is not to be installed using heat-welding application techniques.



Advantages

- The polyester mat provides excellent puncture and tear resistance
- The elongation and recovery properties allow the product to easily accommodate the continual expansion and contraction strains experienced on all roofs.
- 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 D 6164, Type 1, Grade S

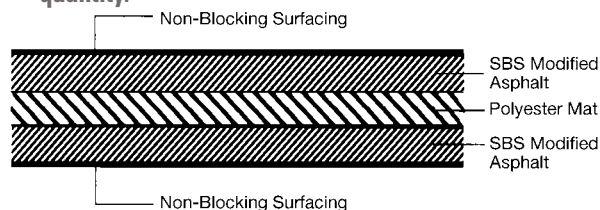
Thickness	0.090 inches (2.2 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction.....	100 lbs. force/in. width (15.8 kN/m)
Cross Machine Direction.....	80 lbs. force/in. width (12.3 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction.....	35.0%
Cross Machine Direction.....	35.0%
Tensile-Tear	
Machine Direction.....	100 lbs./in. (17.5 kN/m)
Cross Machine Direction.....	80 lbs./in. (15.8 kN/m)
Low Temperature Flexibility.....	-10°F (-23°C)
Dimensional Stability	
Machine Direction.....	0.50% change
Cross Machine Direction.....	0.50% change

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

Sizes

Roll size	150 ft ² (13.9 m ²)
Roll weight	90 lb (40.8 kg)
Roll length	49' 2" (15 m)
Roll width.....	39 3/8" (1 m)

**** This product is made to order. Please contact your JM Sales Representative for pricing and minimum order quantity. ****



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