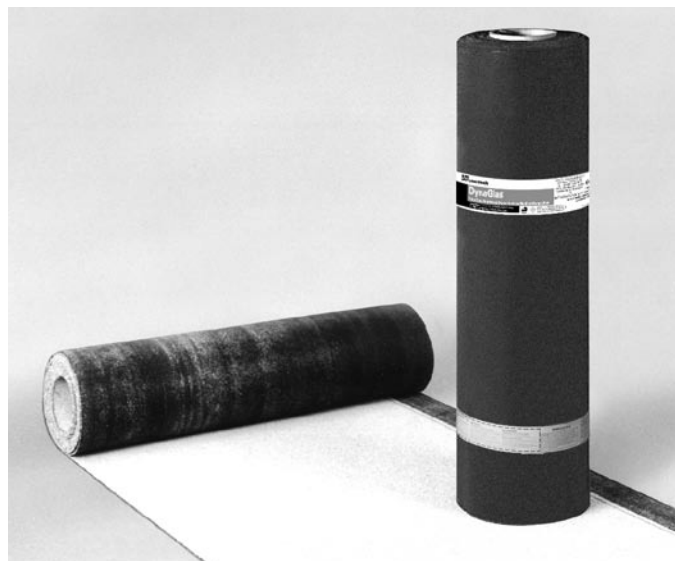


Description

DynaGlas is an elastomeric modified bitumen sheet incorporating the features of a strong fiber glass mat with a blend of SBS (Styrene-Butadiene-Styrene) rubber and high-quality asphalt. The elastomeric asphalt blend has full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet. The inorganic fiber glass reinforcement provides high tensile strength, stability and toughness to the product, and resists moisture absorption. These properties also afford the product better natural resistance to the other factors which affect roof performance. The covering layer of ceramic-coated roofing granules, black or white, provides durability along with superior resistance to damage from weather and foot traffic.

Use

DynaGlas is designed for use as a quality modified bitumen sheet in multiple-ply roofing systems. It is ideal for low-slope applications (inclines up to 1/2" per foot [41.6 mm/m]), and is recommended for this application with Types III and IV asphalt. For slopes from 1/2" to 3" per foot (41.6 to 250 mm/m), only Type IV asphalt is recommended. Because of its superior weatherability, durability and handling characteristics, DynaGlas may be used both for a finished cap sheet and as a flashing material; however, we require using DynaFlex® for flashing applications in many specifications. DynaGlas may also be installed in JM MBR® Cold Application Adhesive. This product is not to be installed using heat-welding application techniques.



Advantages

- The heavy fiber glass mat provides exceptional tensile strength and puncture resistance.
- 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 flexibility and dimensional stability provide ease of handling, resulting in quick installations.

Typical Physical Properties*

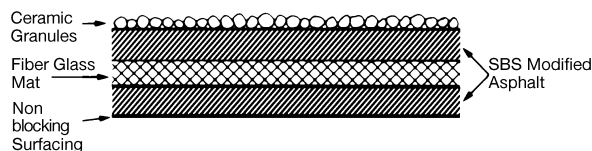
Material meets or exceeds the criteria for ASTM D 6163, Type I, Grade G.

Thickness	150 mil (3.81 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	135 lb force/in. width (23.63 kN/m)
Cross Machine Direction	95 lb force/in. width (16.63 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	4%
Cross Machine Direction	4%
Tensile-Tear	
Machine Direction	125 lb/in. (21.88 kN/m)
Cross Machine Direction	100 lb/in. (17.5 kN/m)
Low Temperature Flexibility	-10°F (-23°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. The physical properties shown represent typical values.

Sizes

Roll size	100 ft ² (9.29 m ²)
Roll weight	97 lb (44 kg)
Roll length	32' 10" (10.01 m)
Roll width	39 3/8" (1 m)



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