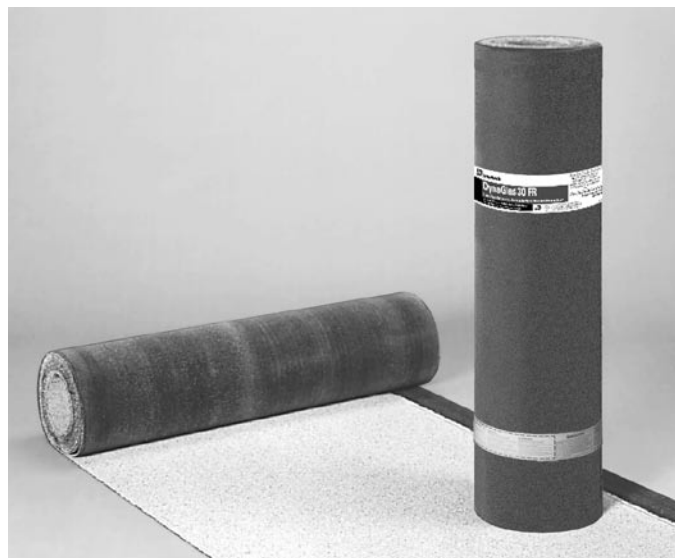


Description

DynaGlas 30 FR is a fire-resistant modified bitumen sheet incorporating the features of a fiber glass mat with a blend of SBS (Styrene-Butadiene-Styrene) rubber, high-quality asphalt and fire-retardant additives. 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 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 provides durability along with superior resistance to damage from weather and foot traffic. White granules also provide heat reflectance.

Use

DynaGlas 30 FR is designed for use as a quality modified bitumen sheet in UL® fire-rated, multiple-ply roofing systems. (Typically, it is used in conjunction with DynaBase®, a modified bitumen base sheet.) DynaGlas 30 FR, unlike many modified bitumen products, enjoys UL® Class A ratings in numerous constructions, both new and re-roof, without the use of additional surfacings. It is ideal for low-slope applications (inclines up to ½" per foot [41.6 mm/m]), and is recommended for this application with Types III and IV asphalt. For slopes from ½" to 3" per foot (41.6 to 250 mm/m), only Type IV asphalt is recommended. DynaGlas 30 FR may also be installed in JM MBR® Cold Application Adhesive. This product is not to be installed using heat-welding application techniques.



Advantages

- The 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.
- Fire-retardant formulation

Typical Physical Properties*

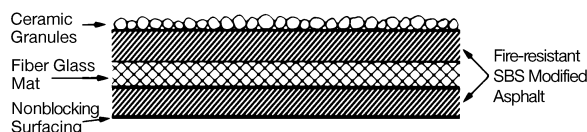
Material meets or exceeds the criteria of ASTM D 6163, Type I, Grade G.

Thickness	140 mil (3.56 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	95 lb force/in. width (16.63 kN/m)
Cross Machine Direction	85 lb force/in. width (14.88 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	3.0%
Cross Machine Direction	3.0%
Tensile-Tear	
Machine Direction	100 lb/in. (17.5 kN/m)
Cross Machine Direction	90 lb/in. (15.75 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	96 lb (43.55 kg)
Roll length	32' 10" (10.01 m)
Roll width	39¾" (1 m)



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