

Description

Johns Manville (JM) DynaClad is an aluminum foil-surfaced, elastomeric, modified bitumen membrane. It incorporates the features of a woven fiber glass reinforcement that is saturated and coated with a blend of SBS (Styrene-Butadiene-Styrene) polymer and high-quality asphalt.

DynaClad has a construction that provides an extremely durable sheet with excellent weathering properties. The heavy inorganic fiber glass reinforcement provides high tensile strength, stability and toughness to the product.

The covering layer of embossed aluminum foil provides durability along with superior resistance to damage from weather and foot traffic.

Use

DynaClad is designed for use as a premium, modified bitumen sheet either as a cap sheet or as a flashing membrane. As a flashing material, DynaClad is installed in a two ply system over a base layer of DynaBase™. UL® Class A ratings may be obtained in numerous constructions for both new and re-roof up to unlimited slope.



Advantages

- The embossed aluminum foil surface provides high reflectivity, reducing heat load on the roof membrane and potentially lowering air conditioning energy costs. An embossed copper foil is also available.
- The woven fiber glass reinforcement provides good tensile properties, dimensional stability, puncture and tear resistance.
- The premium quality SBS blend allows for excellent weathering characteristics.



Typical Physical Properties*

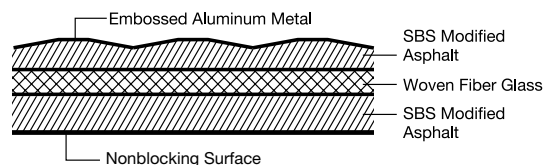
This product meets or exceeds the criteria for ASTM D 6298.

Thickness	145 mil (3.68 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	185 lb force/in. width (32.38 kN/m)
Cross Machine Direction	175 lb force/in. width (30.63 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	4%
Cross Machine Direction	4%
Tensile-Tear	
Machine Direction	185 lb/in. (32.38 kN/m)
Cross Machine Direction	185 lb/in. (32.38 kN/m)
Low Temperature Flexibility	5°F (-15°C)
Dimensional Stability	
Machine Direction	0.20% change
Cross Machine Direction	0.20% change
Emissivity (ASTM E 408)	0.085
Reflectivity	0.85

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

Sizes

Roll size	100 ft² (9.29 m²)
Roll weight	100 lb (45.4 kg)
Roll length	33' 10" (10.3 m)
Roll width	39 7/8" (1.0 m)



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