

## DESCRIPTION

**BIOFLEX SHELTER** hot-applied rubberized asphalt waterproofing membrane is a 100% solids blend of asphalts, synthetic rubber polymers, and filler formulated to provide toughness with flexibility and low moisture vapor permeance.

## INTENDED USAGE

**BIOFLEX SHELTER** is hot-applied to form a continuous elastomeric membrane. It is ideal for waterproofing roofs, parking, plaza, or promenade decks; tunnels; pedestrian concourses; and similar types of construction where a monolithic waterproofing membrane is desirable.

## PROPERTIES

**RESILIENCY - ASTM C3407:** 65

**TENSILE STRENGTH - ASTM D412** 26 PSI (0.18MPa)

**PULL-OFF STRENGTH - ASTM D4541** 108 LBF

**ELONGATION - ASTM D1191** 1500%

**SOFTENING POINT - ASTM D36** 200F / 93C

**ADHESION TO CONCRETE - ASTM D3408** Pass

**WATER ABSORPTION - ASTM D570** 0.3% - 30 g/m<sup>2</sup> @ 185F / 85C for 30 days.

**PERM RATING - ASTM D1653** USA 5 PERMS for 0.030 to 0.050 inches thickness

**SOLIDS - ASTM 1353** 100% solids, solvent free, VOC free

**ACID, FERTILIZER, SALT WATER RESISTANCE - ASTM D896** Pass w/o blistering, deterioration, de-lamination or re-emulsification

**WATER VAPOR TRANSMISSION - ASTM E96 PROCEDURE E** Maximum 1.7 ng/Pa\*s\*sm.

**ASPHALT COMPATIBILITY - ASTM D5329** Pass

## HANDLING

**COVERAGE RATES** - 1.23 lbs./sf (6kgs./sm @ 215 mils.)

**SHELF LIFE** - 5 years unopened container.

**CONTAINERS** - 50 lbs. per carton.

**SHIPPING** - Standard skid



### **LIMITED WARRANTY**

**BIOFLEX ROOF PRODUCTS** warrants this product to be free of defects according to our published literature at time and place of shipment.

### **DISCLAIMER**

The information herein contained is, to the best of our knowledge, accurate and reliable.

**BIOFLEX ROOF PRODUCTS** cannot, however, guarantee results in connection with the use of this information.

Specifier and User shall be responsible for determining the suitability of the products for specific applications.

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