# Vegetative Roofing Components

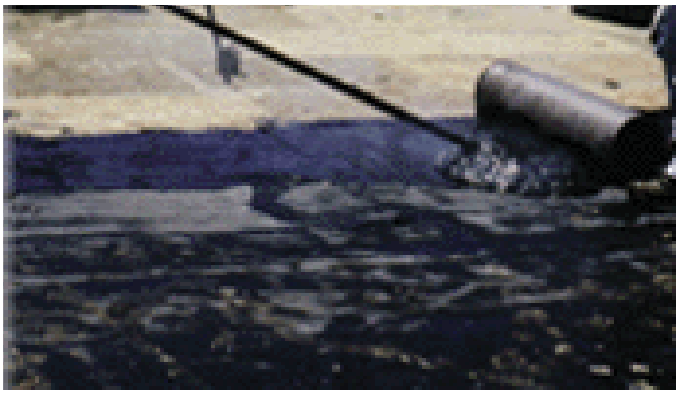
## Waterproofing

Elastomeric Modified Built-Up

*Product #* **3140**

Our Elastomeric Modified Built-Up waterproofing system offers the elastomeric properties of singly ply systems with the time proven redundancy and abuse resistance of Built-Up roofing technology. Our Elastomeric Modified Built-Up system:

- combines SEBS rubber polymer with a highly select grade of unoxidized asphalt to produce a waterproofing material with exceptional self-healing properties, excellent **toughness, tenacity, adhesion, fatigue resistance, and flexibility** especially at cold temperatures
- provides **superior performance and durability**, even in the presence of ponded water and severe climate variations due to encapsulation of the asphalt in the polymer matrix
- has **self-healing properties** in moderately warm temperatures (> 60° F) that allow it to absorb stress, recover, and form a seal around a puncture
- is commonly known as the **"bullet-proof roof"**, a four-ply configuration is the toughest roof available and can literally stop a 22 caliber speeding bullet
- has **reduced odor** due to the polymer content; odor masking products are also available



Tiered pricing based on product quantity

50 lb. Carton covers ~100 ft² / interply mopping
50 lb. Carton covers ~125 ft² / glaze coating
50 lb. Carton covers ~83 ft² / flood coat for surfacing
40 Cartons per Pallet

## TECHNICAL DATA

Elastomeric Bitumen:

**Softening Point (ASTM D 36):**
- 220° F

**Flash Point (ASTM D 92):**
- 500° F (min)

**Viscosity, Brookfield Model Hat Probe #1 @ 50 RPM:**
- 75 - 250 cP

**Penetration, Units @ 77° F (ASTM D 5):**
- 30 - 60 dmm

**Heat Resistance Penetration, 77° F, 100 g, 5 sec:**
- -5 to +12

**Elongation (ASTM D 412):**
- 900% min.

**Recovery from 300% (ASTM D 412):**
- 80% min.

**Flexibility Low Temp (ASTM D 3111):**
- Pass at 0° F

Ply Sheet:

**Basic Weight (ASTM D 3776):**
- 170 gm/m, 5.0 oz/yd²

**Thickness (ASTM D 1777):**
- 0.032 in., 19.7 mils

**Tensile Strength @ 73° F (ASTM D 4830):**
- 35 lb/in (Machine Direction)
- 30 lb/in (Transverse Direction)

**Elongation @ 73° F (ASTM D 4830):**
- 45% (Machine Direction)
- 55% (Transverse Direction)

**Trap Tear Strength (ASTM D 4830):**
- 15 lbf (Machine Direction)
- 20 lbf (Transverse Direction)