

PHYSICAL PROPERTIES

Appearance Fabric	Maximum VOC 0 g/L	Tensile Strength Film (Initial) 57.1 lbs. (ASTM D-1682)
Color White to yellow white	Maximum VOS 0 lbs./gallon	Trapezoidal Tear Strength 16.1 lbs. (ASTM D-1117)
Elongation (Initial) 61–63% (ASTM D-1682)	Mullen Burst 176.8 lbs. (ASTM D-3786)	Weight of Fabric 3 oz./sq. yd.

DESCRIPTION

EnduraRoof Polyester Reinforcing Fabric is a stitch bonded, high-performance fabric for use in cold applied built-up roofing and roof maintenance systems. **EnduraRoof Polyester Reinforcing Fabric** is white to off white with lay lines for one- and two-ply roof systems. It is ideal as the reinforcing component in cold process roofing and repair using either water-based asphalt or acrylic emulsions, or solvent type coatings or mastics. In properties required for roofing systems—tear strength, puncture resistance, and tensil strength combined with elongation—**EnduraRoof Polyester Reinforcing Fabric** has been shown in tests with asphalt emulsion and cutbacks to be far superior to conventional roofing felts weighing five to seven times as much as **EnduraRoof Polyester Reinforcing Fabric** is a polyester that will readily conform to irregular surfaces and standing seam metal roof decks. It is also much easier to handle and apply properly than other soft polyester sheets.

USAGE

EnduraRoof Polyester Reinforcing Fabric is highly recommended for reinforcing:

- **EnduraRoof Asphalt Emulsion** and maintenance of previously coated, modified or standard cap sheet and exposed metal roofs
- **EnduraRoof Acrylic Roof Patch** for repairs, flashing, and seam-sealing
- **EnduraRoof Fibered Aluminum Roof Coating** or reflective coatings for added durability

Roofing System Specifications are available for built-up roof and maintenance membranes weighing only one pound or less per square foot. 10-year warranties are available. The weight factor may enable re-roofing without the need for complete removal of the existing membrane.

SURFACE PREPARATION

Follow the directions on the material being used with **EnduraRoof Polyester Reinforcing Fabric** for proper preparation of the surface.

EnduraRoof Polyester Reinforcing Fabric

APPLICATION

Apply the asphalt emulsion and cutback coatings at the uniform rate of 3 to 4 gallons/100 square feet by spray or brush and immediately embed **EnduraRoof Polyester Reinforcing Fabric** with 4" side and end laps or as specified. A long-handled paint roller or soft-bristle push broom is recommended for pressing the fabric into the coating without wrinkles, or air pockets. When dry enough for foot traffic apply a topcoat of the same coating at 3 to 4 gallons/100 square feet. Refer to product labels or data sheets for application details.

For maintenance treatment: Apply one or two layer fabric systems (with protective and reflective coating) directly over existing smooth-surface roofs after making any necessary repairs.

For roofing and reroofing systems: Apply a coated base sheet (or heavy buffer sheet over gravel) mechanically fastened or spot-adhered, then two layers of **EnduraRoof Polyester Reinforcing Fabric** each embedded in, and top coated with, any of the above protective coatings.

Polyester systems are not recommended directly over gravel or shingles. Surfaces to receive the fabric must be smooth. Do not apply when air temperature is below 60°F or if there is a threat of rain or temperature below 40°F within 24 hours.

PACKAGING

- 4" x 300' roll
- 6" x 300' roll
- 40" x 324' roll

CAUTION

Product is combustible. Keep away from open flames. May cause mild skin irritation with prolonged exposure. Use protective measures to avoid contact with eyes and skin. Wash with soap and water after use. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. In case of inhalation, remove the person from the contaminated area to fresh air.

Employers should obtain a copy of the Material Safety Data Sheet (MSDS) from your supplier or directly from Henry at the toll-free number or website below.