



ERS-310

UNSATURATED POLYESTER MAT

STITCH BONDED POLYESTER FABRIC

EXCELLENT FOR REPAIRS OR RESTORATION

Ecology's ERS-310 Polyester Mat combines toughness and flexibility to handle roof stress and thermal shock better than conventional fiberglass membranes. With non-rotting polyester fibers woven in a biaxial direction, the unsaturated mat is stitch-bonded, requiring no latex binders to glue the fiber together. Strong polyester yarn is woven cross-dimensionally to the fibers to provide exceptional strength in all directions. When ERS-310 is installed into one of Ecology's water-based and VOC-approved emulsion coatings, the mat's parallel fiber structure allows excellent wetting action and uniform absorption of the coating into the mat. The fabric's thin structure also permits lower coating application rates than with other polyester fabrics - saving on overall roof restoration costs.

ROOF RESTORATION USE

ERS-310 conforms to smooth roof surfaces and can be used as a reinforcement fabric on metal deck roof systems. The membrane offers a smooth, wrinkle-free surface when used to restore smooth built-up or modified roof systems. ERS-310 should be rolled into the freshly applied application of Ecology roof emulsion and broomed tightly into the coating, wetting the polyester fibers, and providing a wrinkle-free surface for the final application of the coating, which should completely cover the fabric in a seamless manner.

GENERAL DATA

Membrane Color	White
Roll Dimensions	40" x 324' (10 Square Net Coverage)
Roll Weight	23 lbs.

Ecology Roof Systems®

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