



ROOFGUARD FORTIFABRIC REINFORCING FABRIC

Technical Data and Application Instructions

PRODUCT DESCRIPTION

FORTIFABRIC is stitchbonded, 100% polyester materials made specifically for use with elastomeric coatings in roof membrane construction. Stitchbonded polyester is one of the strongest fabrics available for adding reinforcement to seams, splits, joints, cracks, protrusions and flashings. **FORTIFABRIC** offers an unusual combination of high strength properties and good elongation for excellent thermal stress resistance. The fabric is very pliable and is designed to conform to irregular and dissimilar surfaces more easily than other soft fabrics. **FORTIFABRIC** has high absorption capability, allowing it to easily wet into and become encapsulated by the liquid roofing membrane, forming tough, waterproof details or overall reinforcement.

BASIC USES

FORTIFABRIC is designed to reinforce large roof areas that are heavily alligatored or contain numerous cracks, seams, joints or splits. **FORTIFABRIC** strips is used to reinforce detail areas such as seams, splits, drains, vents and other protrusions through the roof surface.

PACKAGING

FORTIFABRIC is supplied in 40" width 324' length rolls designed to cover 1,000 sq. ft. including a 2" overlap. **FORTIFABRIC** is also available in 4", 6", 9", 12", and 20" widths by 324' length rolls.

APPLICATION

All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout and any other contaminants that may interfere with proper adhesion. **FORTIFABRIC** is embedded into a wet base coat of **ROOFGUARD BASE GRAY** elastomeric basecoat applied at 2 gallons per 100 sq. ft., depending on the surface profile. The fabric is worked into the basecoat with a broom or roller so that it is completely saturated. It is then topcoated with additional coating at 2.0 gallons per 100 sq. ft. to totally encapsulate the fabric. Overlap edges of fabric a minimum of 2" on each edge. **FORTIFABRIC** strips are installed as required after application of any primers or caulk, and prior to application of the coating on the field of the roof. Cut the strips to the desired length.

TYPICAL PROPERTIES

Fabric Weight:	4 oz. per square yard [ASTM D3776]
Mullen Bursting Strength:	176.8 lbs. per square inch [ASTM D3786]
Tear Strength (Trapezoid):	11.3 lbf length, 21 lbf width [ASTM D5733]
Breaking Force (1" cut strip):	42 lbf length, 27 lbf width [ASTM D5535]
Elongation at Break (1" cut strip):	22% length, 101% width [ASTM D5535]
Tensile Strength:	64.2 lbs. length, 50 lbs. width(Grab) [ASTM D1682]



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