

Seal-Tek Reinforcing Fabric

Overview

Seal-Tek Reinforcing Fabric is a stitch-bonded, 100% polyester material made specifically for use with elastomeric coatings in roof membrane construction. Stitch-bonded polyester is one of the strongest fabrics available for adding reinforcement to seams, splits, joints, cracks, protrusions, and flashings. Seal-Tek Reinforcing Fabric offers an unusual combination of high strength properties and good elongation for excellent thermal stress resistance. The fabric is very pliable and conforms to irregular and dissimilar surfaces more easily than other soft fabrics. Seal-Tek Reinforcing Fabric 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. Seal-Tek Reinforcing Fabric is used to reinforce detail areas such as seams, splits, drains, vents, and other penetrations through the roof surface.

Features and Benefits

- Excellent thermal stress resistance
- Pliable
- Provides reinforcement for detail areas

Installation

1. All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout, and any other contaminants that may interfere with proper adhesion.
2. 40" Seal-Tek Reinforcing Fabric is embedded into a wet base coat of SeamlesSEAL® Acrylic or SeamlesSEAL Ultra Silicone Basecoat at 1 to 2 gallons per 100 square feet (.4 to .8 l/m²), 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 top coated with additional coating at 1 to 2 gallons per 100 square feet (.4 to .6 l/m²) to totally encapsulate the fabric. Overlap edges of fabric a minimum of 2" (5 cm) on each edge.
3. Install 4", 6", or 12" Seal-Tek Reinforcing Fabric as required after application of any primers or caulk and prior to application of the coating on the field of the roof. Cut the fabric to the desired length. Slit the bottom half of fabric used around vent pipes and other circular protrusions so that it lies flat. Utilizing a roller or brush, apply a 6" to 14" (15 to 35 cm) wide strip-coat of coating, depending on fabric width, at 15 to 20 mils (381 to 508 microns) thick over areas to be treated.

4. Immediately embed fabric into wet coating and work it with a brush or roller so that it is saturated with coating. Apply an additional 15 to 20 wet mils (381 to 508 microns) over the top to completely encapsulate the fabric. Seal-Tek Reinforcing Fabric shall be X'd when applied over fastener heads on metal roofs so that it lies flat. All reinforcement fabric shall be 100% adhered to the substrate, with no tenting or air pockets.

Review Carlisle Roof Foam and Coatings' specifications and details for complete installation information. Please contact CRFC for more information.

Typical Physical Properties

Property	Test Method	Seal-Tek Reinforcing Fabric
Fabric Weight	ASTM D3776	4 oz. per square yard
Mullen Bursting Strength	ASTM D3786	144 lbs. per square inch
Tear Strength (Trapezoid)	ASTM D5733	16 lbf length, 24 lbf width
Breaking Force (1" cut strip)	ASTM D5035	42 lbf length, 27 lbf width
Elongation at Break (1" cut strip)	ASTM D5035	28% length, 61% width

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Shipping Information

Size	Weight	Class
4" (10 cm) by 300' (91 m) rolls	3 lbs.	65
6" (15 cm) by 300' (91 m) rolls	5 lbs.	65
12" (30 cm) by 300' (91 m) rolls	9 lbs.	65
40" (1 m) by 324' (99 m) rolls	22 lbs.	65

DOT: Polyester Fabric, Not Regulated