

## CARLISLE'S X-TENDA COAT™ REINFORCING MESH



### Overview

X-Tenda Coat Reinforcing Mesh is a stitchbonded, 100% polyester material 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. X-Tenda Coat Reinforcing Mesh 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. X-Tenda Coat Reinforcing Mesh 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. X-Tenda Coat Reinforcing Mesh is used to reinforce detail areas such as seams, splits, drains vents and other protrusions through the roof surface.

### Packaging

X-Tenda Coat Reinforcing Mesh is supplied in the following dimensions:

- 4" (10 cm) by 300' (91 m) rolls
- 6" (15 cm) by 300' (91 m) rolls
- 12" (30 cm) by 300' (91 m) rolls
- 40" (1 m) by 324' (99 m) rolls designed to cover 1,000 sq. ft. (93 m<sup>2</sup>) including a 2" (5 cm) overlap.

### Installation

All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout and any other contaminants that may interfere with proper adhesion.

40" X-Tenda Coat Reinforcing Mesh is embedded into a wet base coat of X-Tenda Coat or Prime-and-Seal Basecoat at 1 to 2 gallons per 100 sq. ft. (.4 to .8 l/m<sup>2</sup>), 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 1 to 1½ gallons per 100 sq. ft. (.4 to .6 l/m<sup>2</sup>) to totally encapsulate the fabric. Overlap edges of fabric a minimum of 2" (5 cm) on each edge.

4", 6" or 12" X-Tenda Coat Reinforcing Mesh is 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 mesh to the desired length. Slit the bottom half of mesh 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 mesh width, at 15 to 20 mils (381 to 508 microns) thick over areas to be treated. Immediately embed mesh 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 mesh. X-Tenda Coat Reinforcing Mesh shall be X'd or heat-melted 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.

### X-Tenda Coat Reinforcing Mesh

#### Typical Properties and Characteristics\*

Physical Property	Test Method	Results
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.

### LEED® Info

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Spartanburg, SC
VOC Content	N/A