

Total Quality. Total Service. Total Satisfaction.

Reinforcing Meshes

Description

Total Wall Reinforcing Meshes are woven from high quality bundled fiberglass strands, which are coated with a protective, alkali resistant polymer.

Total Wall Reinforcing Meshes are designed to add strength, impact resistance, flexibility, and crack resistance to all Exterior Insulated and Finish Systems (EIFS) and Direct Applied coating systems.

Total Wall Reinforcing Meshes are made for exceptional workability and ease of use.

Total Wall Reinforcing Meshes are available in a range of strengths and weights to provide cost effective choices in application design.

Mesh Types and Uses

In all cases, the Total Wall Reinforcing Meshes are used in the Base Coat layer of lamina. The type of Reinforcing Mesh used and the number of layers of Reinforcing Mesh and Base Coat employed is determined by job factors such as the desired impact resistance of the wall, the type of system being installed and the various system details. Runs of Standard, Enhanced and Intermediate Meshes are lapped a minimum of 2.5". Runs of High and Ultra High Meshes are butted and then covered with a layer of Standard Mesh.

Type PB Soft Coat EIFS Reinforcing Meshes

1. Standard Mesh - this mesh is used on a majority of applications. This weight mesh is available in different width rolls for walls and in narrow width rolls for detail work. It is also available in a self-sticking version for special situations (see Coverage's for a full listing of sizes). This mesh has a weight of ~ 4.3 ounces per yard, a thickness of 10.7 mils and a relative impact resistance of 25-35 in-lbs.

2. Enhanced Mesh - used to provide about 25% higher impact resistance relative to Standard Mesh. This mesh has a weight of ~ 6 ounces per yard, a thickness of 11.0 mils and a relative impact resistance of 35-45 in-lbs.

3. Intermediate Mesh - used to provide more than 200% impact resistance relative to Standard Mesh. This mesh has a weight of ~ 11 ounces per yard, a thickness of 19.0 mils and a relative impact resistance of 75-95 in-lbs.

4. High Impact Mesh - used to provide more than 600% higher impact resistance relative to Standard Mesh. This mesh has a weight of ~ 15 ounces per yard, a thickness of 26.0 mils and a relative impact resistance of 180-220 in-lbs.

5. Ultra High Impact Mesh - used to provide about 800% higher impact resistance relative to Standard Mesh. This mesh has a weight of ~ 20 ounces per yard, a thickness of 30.0 mils and a relative impact resistance of 230-240 in-lbs.

Type PM Hard Coat EIFS Reinforcing Mesh

1. Total Wall Hard Coat Mesh - this mesh is used on all Hard Coat PM applications. Total Wall Hard Coat mesh has a weight of 4.5 ounces per square yard, Tensile - warp 160 lbs/in, weft 250 lbs/in.

Technical Data

Type - Coated EC Fiberglass Mesh

Weave - Leno

Coating - Meets EIMA Std.105.01 for Alkali Resistance

Coverage's

Standard Mesh (Also Available in self-stick)

Available Widths 38" 48" 76" 114"

Detail Widths 6" 7" 9.5" 12"

Roll Length 150 feet (all rolls of Standard)

Enhanced Mesh 38" wide X 150' long

Intermediate Mesh 38" wide X 75' long

High Impact Mesh 38" wide X 75' long

Ultra High Mesh 38" wide X 75' long

Hard Coat Mesh 38" wide X 150' long

Handling and Storage

When possible, store on end. Keep boxes of Mesh sealed and under cover when not in use. Store open rolls of Mesh under cover when not in use.

Precautions

Total Wall Reinforcing Meshes are fabrics made from woven fiberglass bundled strands, which are coated with a protective polymer film. Do not ingest. Keep out of reach of children and pets.