

Durex® Standard-Plus Mesh

Medium-Duty Reinforcing Fibreglass Mesh (6.0 oz)

- Description** Durex® Standard-Plus Mesh is an alkaline-coated fibreglass fabric which is suitable to work as reinforcement for polymer-modified and polymer-based cementitious base coats, and used as the standard reinforcing mesh layer in all Durex® EIFS Systems using mechanical fasteners. It is also an upgraded reinforcing mesh layer in all Durex® EIFS Systems (chemically adhered) and Durex® Stucco Lite System. Durex® Standard-Plus Mesh is produced on a loom using warp and weft (fill) yarns and woven into a leno weave, where the fill yarns are trapped tightly between twisting wrap yarns, and is then treated by alkali-resistant macromolecule latex for superior performance.
- Uses**
- Standard Reinforcement Mesh for the base coat layer in all mechanically fastened Durex® EIFS Systems
 - Upgraded Reinforcement Mesh for the base coat layer in all chemically adhered Durex® EIFS Systems
 - Upgraded Reinforcement Mesh for Durex® Stucco Lite System
 - Upgraded Reinforcement of Durex® EctoFlex Air/Vapour-barrier and Waterproofing Membrane
 - Upgraded for crack bridging in masonry substrates
- Features**
- Fibreglass mesh of tested quality, capable of withstanding high tension without stretching
 - Glass fibres with negligible sensitivity to temperature changes within the wall
 - Proper fibreglass anti-alkaline dressing to avoid quick aging of the wall reinforcement due to the corrosion action of alkalis present in coating mortar
 - Provides dimensional stability and enhances performance
 - Prevents cracking
 - Good cohesion
 - Highly flexible

TECHNICAL DATA

| PHYSICAL PROPERTIES | | |
|---------------------|---|--|
| Product Type | E-Glass fibres | |
| Appearance | White woven fabric with leno weave pattern | |
| Weight | 5.9 oz/yd ² (200 g/m ²) | |
| Roll Widths | 38" | |
| Finish | Alkali-Resistant Coating, optional Adhesive Coating | |
| Coverage | 450 ft ² (41.8 m ²) per roll (38") | |

| PERFORMANCE PROPERTIES | METHOD | RESULT |
|-------------------------|------------|--|
| Tensile Strength (Weft) | ASTM D5035 | 245 lb./in (1100 N/2.54 cm) minimum values |
| Tensile Strength (Warp) | ASTM D5035 | 170 lb./in (750 N/2.54 cm) minimum values |
| Construction (Weft) | ASTM D3775 | 5.4 yarns/in (21 yarns/10 cm) |
| Construction (Warp) | ASTM D3775 | 5.0 yarns/in (19.5 yarns/ 10 cm) |

Installation Procedure When installing a Durex® EIFS System, ensure that all areas where back-wrapping has been installed, to apply a layer of base coat and embed the remaining length of detail-reinforcing fabric onto the face of the insulation board. Use an edging tool to smooth the corner to render it square. Reinforce all the corners of openings where no control joints are detailed with an additional strip of reinforcing fabric, 230 mm by 305 mm (9" x 12") installed diagonally across the corners. Apply a layer of base coat over the insulation surface, applying sufficient pressure in the troweling process to ensure full contact with the insulation. Immediately place the reinforcing fabric onto the wet base coat and trowel the fabric from the centre to the edges, filling all voids in the fabric until the mesh is completely embedded. Provide high-impact reinforcing fabric where indicated on drawings. Tightly abut all edges; do not lap high-impact reinforcing fabric. Embed the fabric into the wet base coat and trowel the fabric from the centre to the edges, filling all voids in the fabric until the mesh is completely embedded. Allow the high-impact base coat layer to dry a minimum of 24 hours before applying the standard reinforcing fabric. Install reinforcing fabric tight, straight and free of wrinkles, ripples and waves. Overlap the detail-reinforcing fabric with the standard reinforcing fabric by 100 mm (4") at all locations where detail-reinforcing fabric has been installed. Install the standard reinforcing fabric overlapping fabric joints by a minimum of 63 mm (2 1/2") and double-wrapping inside and outside corners a minimum of 203 mm. When installing Durex® Stucco Lite, embed the Durex® Fibreglass Reinforcing Mesh into the wet base coat and trowel it from the centre to the edges, filling all voids in the fabric until it is completely embedded.

Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.

Warranty

Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.

Technical Services

Technical support is available upon request at info@durabond.com. For the latest version of this data sheet, please visit our website at www.durabond.com, call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

DURabond

HEAD OFFICE
55 Underwriters Road
Scarborough, ON M1R 3B4
T 416.759.4474 F 416.759.4470

MISSISSAUGA
6178 Netherhart Road
Mississauga, ON L5T 1B7
T 905.565.9283 F 905.565.9365

EDMONTON
14345 120th Avenue
Edmonton, AB T5L 2R8
T 780.451.6364 F 780.453.9056

INFO@DURABOND.COM

WWW.DURABOND.COM

1.877.DURABOND (387.2266)

V2.01