

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 ½") 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.