

Durex® Standard Mesh

Standard-Duty Reinforcing Fibreglass Mesh (4.3 oz)

- Description** Durex® Standard 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 minimum-grade reinforcing mesh layer in all Durex® EIFS Systems (with the exception of mechanically fastened EIFS systems) and Durex® Stucco Lite System. Durex® Standard 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. Durex® Standard mesh is available in two forms, Regular and Adhesive, and in various roll widths.
- Uses**
- Standard Reinforcement Mesh for the base coat layer in all chemically adhered Durex® EIFS Systems
 - Standard Reinforcement Mesh for Durex® Stucco Lite System
 - Standard Reinforcement of Durex® EctoFlex Air/Vapour-barrier and Waterproofing Membrane
 - Reinforcement for crack bridging in masonry substrates
 - Upgraded Reinforcement for our Durex® Trim Coat used to coat Expanded Polystyrene (EPS) Architectural Mouldings and Build-outs
- 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	4.3 oz/yd ² (145 g/m ²)	
Roll Widths	38", 12", 9", 4"	
Finish	Alkali-Resistant Coating, optional Adhesive Coating	
Coverage	450 ft ² (41.8 m ²) per roll (38")	
	150 ft ² (13.9 m ²) per roll (12")	
	110 ft ² (10.5 m ²) per roll (9")	
	50 ft ² (4.6 m ²) per roll (4")	
PERFORMANCE PROPERTIES		
TEST	METHOD	RESULT
Tensile Strength (Weft)	ASTM D5035	180 lb./in (790 N/2.54 cm) minimum values
Tensile Strength (Warp)	ASTM D5035	150 lb./in (670 N/2.54 cm) minimum values
Construction (Weft)	ASTM D3775	5 yarns/in (20 yarns/10 cm)
Construction (Warp)	ASTM D3775	6 yarns/in (24 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 about 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. When coating EPS Architectural Mouldings, adhere Durex® Fibreglass Reinforcing Mesh over the shape and immediately apply our Durex® Trim Coat over it.

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.



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