

Durex® Ultra High Impact Lamina

Extra Heavy-Duty Impact Resistant Lamina

Description Durex® Ultra High Impact Lamina is comprised of a layer of Durex® High Impact Mesh as a reinforcement layer for a polymer-modified and polymer-based cementitious base coat, followed by a repeated layer of Standard Impact Mesh and basecoat, totalling 2 reinforcement layers. It is used as the extra heavy-grade reinforcing mesh layer in Durex® EIFS Systems and Durex® Stucco Lite System (except for mechanically fastened EIFS systems).

Uses

- Extra Heavy Duty Reinforcement Mesh for the base coat layer in all Durex® EIFS Systems when additional impact resistance is required

Features

- Capable of withstanding 30 - 39 N.m/cm² impact forces without breakage of the reinforcement layer
 - Forces equivalent to a Lawnmower @ 5kph, or;
 - 5 Heavy Strikes with an 8lb Sledge Hammer
- 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 corrosion action of alkalis present in coating mortar
- Provides dimensional stability and enhances performance

TECHNICAL DATA

PHYSICAL PROPERTIES	FIBERGLASS MESH	BASE COAT
Product Type	E-Glass fibres	Depends on Base Coat
Appearance	White woven fabric with leno weave pattern	Depends on Base Coat
Weight	High Impact Mesh: 15.4 oz/yd ² (522 g/m ²) Standard Impact Mesh: 4.3 oz/yd ² (145 g/m ²)	-
Roll Widths	High Impact Mesh: 38" Standard Impact Mesh: 38", 12", 9", 4"	-
Finish	Alkali-Resistant Coating, optional Adhesive Coating	Depends on Base Coat
Coverage	High Impact Mesh: 225 ft ² (20.9 m ²) per roll (38") Standard Impact Mesh: 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")	Depends on Base Coat

PERFORMANCE PROPERTIES	METHOD	RESULT
Weight Drop Impact Test	ASTM E2486	Pass – No Breakage

Installation Procedure

When installing a Durex® EIFS System, ensure that at 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.

**Health
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)