

Durex® Stucco Lite HM (High Moisture Areas)

Fiber Glass Reinforced Wall Cladding System For Pools & High Moisture Areas

Description Durex® Stucco Lite HM is a specially designed wall coating system for use in areas of high moisture, where it is important to prevent vapour diffusion into the walls and adjacent areas, typical of indoor swimming pool areas & commercial shower areas. The system incorporates the unique Durex Ecto-Flex Water Resistive barrier and Vapour Barrier. Durex Ecto-Flex is a unique cementitious compound that has very low vapour diffusion rates while allowing ideal bonding surface for a multitude of finishes, including ceramic tiles. A true problem solving solution for control and management of the high moisture in areas such as indoor pools.

Uses Durex® Stucco Lite HM is, without question, the best and most effective/reliable solution for moisture management in high moisture and humidity areas. Excellent system for both new and restoration work in indoor swimming pools, commercial showers, high moisture plant growing areas. It is suitable for use over all sound and solid substrates and can be used in all types of construction. It can be used as an effective exterior cladding system in extreme humid environments where it is necessary to keep the humidity out.

- Advantages**
- High impact resistant
 - Effective / reliable vapour barrier functions
 - Trowel or roller applied – ease of application
 - An effective moisture management cladding system
 - Allows for a multitude of final finishes to be utilized
 - Excellent for both new construction and retrofit work

TECHNICAL DATA

SYSTEM COMPONENT	STANDARD/METHOD	RESULTS			
SUBSTRATE:					
- Cementitious Backer Board	ASTM C1325	12.7 mm (1/2") min.			
- Glass Mat Gypsum Sheathing	ASTM C1177	12.7 mm (1/2") min.			
- Concrete					
WATER RESISTIVE BARRIER :					
Air / Vapour Barriers	ASTM E96 Water Vapour Transmission	Method A	Method B		
Durex EctoFlex		18 ng/Pa.s.m ²	91 ng/Pa.s.m ²		
Air Barriers	(Refer to product specific Technical Data Sheet for more detailed data)				
Durex Flexcrete	(for best results use two coats of WRB)	400 ng/Pa.s.m ²	972 ng/Pa.s.m ²		
REINFORCEMENT:					
Impact Resistance		Retention Physical	Retention Performance		
Durex Fiberglass Mesh	ASTM E2486 – Impact Resistance	Standard	3 N.m	10 N.m	PASS
(Note: Impact resistance level is directly related to the weight and layers of Fiberglass mesh used in the lamina)	(Refer to Table 1.5.9 of the Quantum 5.0 Specifications for detailed selection chart for guidance on level of impact resistance required)	Intermediate	8 N.m	15 N.m	PASS
		High	13 N.m	20 N.m	PASS
		Ultra High	20 N.m	30 N.m	PASS
		Extreme	25 N.m	40 N.m	PASS
BASE COAT:					
- Durex Flexcrete or					
- Durex Monobase	CAN/ULC S114	Rated noncombustible			
- Durex Uniplast / Acrybond "S"	CAN/ULC S114	Rated noncombustible			
FASTENERS:					
-Durex "M" fasteners (masonry)	ASTM B-117 – salt spray	750 hrs. or better			
-Durex "W" fasteners (wood)	DIN 50012 - SO ₂ exposure	25+ cycles			
-Durex "S" fasteners (steel)	FM4470	30 cycles			
	DIN 50018 SFW	Pass			
FINISHES:					
Durex Architectural Coatings	CAN/ULC S716.1 & CCMC Report # 13103-R	Durex Architectural Coatings Meet and exceed all requirements			
Classic Series					
Premium Series					
Artisan Series	(Refer to product specific Technical Data Sheet and CCMC Evaluation Report # 13103-R for more detailed data)				
Kolor Gard Series					
Elastomeric (FX) Series					

PERFORMANCE:

Water Vapour Transmission	ASTM E96 - EctoFlex	18 ng/Pa.s.m2 (0.3 perms) method A (one coat) 6 ng/Pa.s.m2 (0.11 perms) method A (two coats)
Water absorption	ASTM D570	3.58%
Coefficient of Water Absorption	CCMC 5.5.1	0.0007 kg/(m ² .s ^{1/2})

Building Code Conformance:

Durex® Stucco Lite HM complies with the following building code requirements (refer to applicable building code)

Classification	Category 1 CAN/ULC S114 (Monobase) & Uniplast	Noncombustible stucco cladding
Part 3	Article 3.1.5.2 Article 3.2.3.7 & Table 3.2.3.7	Allowable Minor Combustible Components 0-10% Unprotected Openings
Part 5	Section 5.6.1 Sub-Section 5.6.2.1	Protection from Precipitation Sealing and Drainage
Part 9	Section 9.10.15.5 (1) to (3) Clause 9.27.1.1(5) Section 9.27.2 Article 9.27.3.1 Article 9.10.14.5 & Table 9.10.14.5 (A) Article 9.10.15.5	Construction of Building Face of Houses General (Cladding, Application) Required Protection from Precipitation Elements of Second Plane of Protection 0-10% Unprotected Openings <0.6 m Limiting Distance

Application	Apply all Durex System Products and components, (WRB, base coat, reinforcing mesh, finish coat, sealants) in strict accordance with Durabond's printed instructions. See Durabond's Standard Specifications/Details and Durex Product Data Sheets.
Clean-up	Clean all tools promptly after use with clean water. Do not allow mixes to dry on tools.
Storage	Store all Durex® Products and components in a dry vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep materials dry, protected from dampness and moisture and away from direct sunlight. KEEP FROM FREEZING.
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 Products Limited fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case Durabond's responsibility shall not exceed either the refund of the purchase price or the replacement of the purchased product.
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 Technical Coatings 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