

Durex Stucco Lite RAINSCREEN

Fiber Glass Reinforced Wall Cladding System Drained & Vented (Rainscreen Principle)

Description Durex® Stucco Lite Rainscreen combines the simplicity of direct applied cladding system with drainage and rainscreen features. Durex Stucco lite Rainscreen consists of a nail sealable water resistive barrier over the substrate furring to create a drainage cavity and a cement board sheathing coated with a flexible basecoat reinforced with fiberglass mesh throughout to create a code compliant rainscreen drainage cladding system. The finish texture can be selected from any of the available Durex Architectural Coatings. The cladding system is rated non-combustible cladding meeting the building code requirements for non-combustible construction.

Uses Durex® Stucco Lite Rainscreen is an excellent system for both new and restoration work. It is suitable for use over all sound and solid substrates and can be used in all types of construction. It is the traditional rainscreen cladding system for use in residential applications. It provides all of the benefits of the traditional Durex Stucco Lite systems plus the provision for the drainage and diversion of incidental moisture to the exterior.

- Advantages**
- High impact resistant
 - Drained and vented – protection from moisture penetration
 - Rainscreen principle
 - Non-combustible
 - Excellent for both new construction and retrofit work

TECHNICAL DATA

SYSTEM COMPONENT	STANDARD/METHOD	RESULTS
SYSTEM SHEATHING:		
- Cementitious backer Board	ASTM C1325	12.7 mm (1/2") min.
- Glass Mat Gypsum Sheathing	ASTM C1177	12.7 mm (1/2") min.
WATER RESISTIVE BARRIER :		
Air / Vapour Barriers (consult with a Durabond Representative)	ASTM E96 Water Vapour Transmission	Method A Method B
Air Barriers	(Refer to product specific Technical Data Sheet for more detailed data)	n/a n/a
Durex Flexcrete		400 ng/Pa.s.m ² 972 ng/Pa.s.m ²
Durex AirStop		185 ng/Pa.s.m ² 505 ng/Pa.s.m ²
Durex Dur-A-Mastic 100		248 ng/Pa.s.m ² 645 ng/Pa.s.m ²
Durex Flexseal VP		629 ng/Pa.s.m ² 972 ng/Pa.s.m ²
REINFORCEMENT:		
Impact Resistance		Retention Physical Retention Performance
Durex Fiberglass Mesh (Note: Impact resistance level is directly related to the weight and layers of Fiberglass mesh used in the lamina)	ASTM E2486 – Impact Resistance (Refer to Table 1.5.9 of the Stucco Lite RAINSCREEN Specifications for detailed selection chart for guidance on level of impact resistance required)	Standard 3 N.m 10 N.m PASS 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 DIN 50018 SFW	30 cycles 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 - Flexcrete	400 ng/Pa.s.m ² (7.0 perms) method A 972 ng/Pa.s.m ² (17.0 perms) method B
Water absorption	ASTM D570	4.85% (Flexcrete)
Coefficient of Water Absorption	CCMC 5.5.1	0.0007 kg/(m ² .s ^{1/2})

Building Code Conformance:

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

Classification	Category 1 CAN/ULC S114	Non-Combustible 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.

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