

Durex Stucco Wall

Metal Reinforced Stucco Wall System (Mechanically Fastened)

Description Durex® Stucco Wall is a traditional hard coat, non-insulated wall cladding system. The system consists of a moisture barrier, reinforcing metal lath, trim accessories, scratch and base coats, and a finish texture coat which can be selected from any one of the available Durex Architectural Coatings.

Uses Durex® Stucco Wall 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 stucco cladding system for use in residential applications. It provides all of the benefits of the traditional stucco cladding systems plus the benefits of polymer modified base coats which substantially reduces moisture absorption.

- Advantages**
- High impact resistant
 - Traditional hard coat stucco plus polymer modification
 - Non-combustible
 - Substantial reduced water absorption than traditional stucco
 - Excellent for both new construction and retrofit work

TECHNICAL DATA

SYSTEM COMPONENT	STANDARD/METHOD	RESULTS	
SUBSTRATE:			
- Plywood	CSA 0121 or 0151 or 0153	12.7 mm (1/2") min.	
- OSB (Oriented Strand Board)	CSA 086 or 0325	11 mm (7/16") min.	
- Cementitious backer Board	ASTM C1325	12.7 mm (1/2") min.	
- Glass Mat Gypsum Sheathing	ASTM C1177	12.7 mm (1/2") min.	
- Concrete & Masonry			
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 AirStop		185 ng/Pa.s.m ²	505 ng/Pa.s.m ²
Durex Flexseal VP		629 ng/Pa.s.m ²	972 ng/Pa.s.m ²
REINFORCEMENT:			
-Galvanized metal lath	ASTM 525	Min. 1.36kg/m ²	
BASE COAT:			
- Durex Uniplast / Acrylic Resin Bond	CAN/ULC S114	Rated noncombustible	
- Durex Dryplast	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	
Classic Series		Meet and exceed all requirements	
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 -	<i>(refer to selected WRB / Air Barrier for respective water vapour permeance levels)</i>
Water absorption	ASTM D570	1.9% Uniplast
Coefficient of Water Absorption	CCMC 5.5.1	0.0007 kg/(m ² .s ^{1/2})
Tensile Strength	ASTM C190	6.00 MPa (870 psi)

Building Code Conformance:

Durex® Stucco Wall 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	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	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, (base coat, finish coat, sealants) in strict accordance with Durabond's printed instructions. See Durabond's Standard Specifications/Details and Durex Product Data Sheets.

Clean all tools promptly after use with clean water. Do not allow mixes to dry on tools.

Clean-up

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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