

Durex Flexlite Select MF

Flexible Moisture Managed EIFS (Mechanically Fastened)

Description	Durex® Flexlite Select MF is an exterior insulation and finish system consisting of a moisture barrier, a 10mm geometrically defined drainage cavity, expanded polystyrene insulation, mechanical fasteners, glass fibre-reinforcing mesh, base coats, and a finish texture coat which can be selected from any one of the available Durex Architectural Coatings.
Uses	Durex® Flexlite Select MF is primarily suitable for residential work.
Features	<ul style="list-style-type: none"> • CAN/ULC S716 compliant • CCMC evaluated (13103-R) • Easy installation • Positive drainage • Lightweight • Versatile • Flexible • GDDC Factor 15% (Geometrically Defined Drainage Cavity) • CI factor 0.65 RSI (R 3.9) per inch Type I EPS (Continuous Insulation) • CI factor 0.70 RSI (R 4.0) per inch Type II EPS (Continuous Insulation)

TECHNICAL DATA

SYSTEM COMPONENT	STANDARD/METHOD	RESULTS	
INSULATION:			
Durex Flexlite Select Type I	CAN/ULC S701	Thermal Resistance	GDDC Factor
Durex Flexlite Select Type II		0.65 RSI (R 3.9) per inch	15%
		0.70 RSI (R 4.0) per inch	15%

WATER RESISTIVE BARRIER:

Air / Vapour Barriers Durex Flexseal	ASTM E96 – Water Vapour Transmission	Method A	Method B 2.9 ng/Pa.s.m ²
Air Barriers Durex Flexseal VP Durex AirStop	<i>(Refer to product specific Technical Data Sheet for more detailed data)</i>	629 ng/Pa.s.m ²	972 ng/Pa.s.m ²
		185 ng/Pa.s.m ²	505 ng/Pa.s.m ²

INSULATION ATTACHMENT:

-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

LAMINA:

Impact Resistance Durex Fiberglass Mesh <i>(Note: Impact resistance level is directly related to the weight and layers of Fiberglass mesh used in the lamina)</i>	ASTM E2486 – Impact Resistance <i>(Refer to Table 1.5.9 of the Flexlite Select MF Specifications for detailed selection chart for guidance on level of impact resistance required)</i>	Retention Physical	Retention Performance	
		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 Monobase Durex Flexcrete	CAN/ULC S114 Noncombustibility	Rated Noncombustible
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FINISHES:

Durex Architectural Coatings Classic Series Premium Series Artisan Series Kolor Gard Series Elastomeric (FX) Series	CAN/ULC S716.1 & CCMC Report # 13103-R <i>(Refer to product specific Technical Data Sheet and CCMC Evaluation Report # 13103-R for more detailed data)</i>	Durex Architectural Coatings Meet and exceed all requirements
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PERFORMANCE:*(Refer CCMC Evaluation Report # 13103-R for complete detailed performance data)***Fire Protection**CAN/ULC S134
(Compliance to NBC 3.1.5.5)

Intertek listing # DPL-WEIFS 30-01

Wind Load ResistanceASTM E330 – sustained

ASTM E330 – cyclic

ASTM E330 – blow-out-2.5 kPa for 60min. – no visible damage to any of the wall components
600 cycles alt. 0 to -2.5kPa – no visible damage to any of the wall components
-3.75kPa applied for 10 sec. – no visible damage to any of the wall components - max. pressure 7.12 kPa**Water Tightness**

ASTM E331

400 Pa pressure difference for 15 min. – no water penetration through the exterior surface finish

System ComplianceCCMC Technical Guide for EIFS
CAN/ULC S716.1 EIFS Materials & SystemCCMC Evaluation Report # 13103-R
Durex Flexlite Select MF is fully compliant with:
CAN/ULC S716.1 Materials & System
CAN/ULC S716.2 Installation of Components & WRB
CAN/ULC S716.3 Design Application**Building Code Conformance:****Durex® Flexlite Select MF complies with the following building code requirements (refer to applicable building code)**

Classification	Category 2 CAN/ULC S134	Fire Test of Exterior Wall Assemblies
Part 3	Article 3.1.5.5 Article 3.1.5.2 Article 3.2.3.7 & Table 3.2.3.7	Combustible Cladding on Exterior Walls Allowable Minor Combustible Components >10% Unprotected Openings
Part 5	Section 5.6.1 Sub-Section 5.6.2.1 Section 5.9.4	Protection from Precipitation Sealing and Drainage Exterior Insulation Finish Systems
Part 9	Clause 9.25.2.2(1)(d) Sub-Section 9.25.5.2 Clause 9.27.1.1(5) Section 9.27.2 Article 9.27.3.1 Sub-Section 9.27.13 Article 9.10.14.5 & Table 9.10.14.5 (A) Article 9.10.15.5	Insulation Materials CAN/ULC S701 Position of Low Permeance Membranes General (Cladding, Application) Required Protection from Precipitation Elements of Second Plane of Protection Exterior Insulation Finish Systems <10% Unprotected Openings <0.6 m Limiting Distance

Application

Apply all Durex System Products and components, (WRB, insulation, fasteners, 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 ServicesTechnical 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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