

**Product Description:**

**DUREX FLEXLITE** is an exterior insulation and finish system consisting of an expanded polystyrene insulation, insulation adhesive, 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** is primarily suitable for residential work, for both new and retrofit work.

**Advantages:**

- very economical
- light weight
- versatile
- flexible

**Application:**

Prepare and mix primer, adhesive, base coats, and finish coats in strict accordance with Durabond's

printed instructions.

Apply all system materials in strict accordance with Durabond's printed instructions.

Install the insulation over the substrate with a full bed of compatible insulation adhesive. Apply a layer of base coat with an embedded layer of reinforcing mesh. Over the cured base coat apply a layer of base coat. Prime base coat, then apply finish texture coat.

Caulk all expansion/control joints in the **DUREX FLEXLITE** system.

Refer to the Durex Architectural Manual for further information.

**LIMITATIONS:**

**DUREX FLEXLITE** is not recommended for use over moisture sensitive substrates such as gypsum board, nor in areas where temperatures are expected to exceed 80°C.

**TECHNICAL DATA**

SYSTEM COMPONENTS	STANDARD/METHOD	RESULTS
<b>INSULATION:</b>		
• EPS*type I & II	CAN/ULC S701-97	
<b>AIR BARRIER:</b>		
• Durex Flexcrete	ASTM E283-91 - air leakage	1.5 mm thick 0.0204 L/s·m <sup>2</sup> @ 75 Pa 3.0 mm thick 0.0019 L/s·m <sup>2</sup> @ 75 Pa Rated class 3 air barrier
<b>INSULATION ADHESIVE:</b>		
• Durex Mastic 100	ASTM D-897 - bond strength	plywood - 35 psi
• Durex Flexcrete	ASTM D-897 - bond strength	concrete - 185 psi
<b>LAMINA:</b>		
• Reinforcement woven fiberglass mesh	ASTM D-579 - construction	<b>Std.</b> <b>Med.</b> <b>High</b>
	ASTM D-579 - weight	23.6    23.6    33    /10 cm
	ASTM D-579 - thickness	152    370    509    g/m <sup>2</sup>
	ASTM D-1682 - tensile strength	0.406    0.787    1.13    mm
	ASTM D-568 - flame retardant	825    1610    3115    N/2.54 cm
	ASTM D-568 - flame retardant	yes    yes    yes
	EIMA 101.91 - alkali resistance	yes    yes    yes
• Durex Flexcrete @ 3 mm thick	EIMA 101.86 - impact resistance	Std. mesh (one layer): 65 in. lbs. High impact mesh: 105 in. lbs. Two layers mesh: 165 in. lbs.
	ASTM E96-95 Water vapour transmission	385.56 ng/Pa·s·m <sup>2</sup>

**07240**  
**INSULATED WALL SYSTEM (EIFS)**  
**EXTERIOR INSULATION FINISH SYSTEM (EIFS)**

## TECHNICAL DATA (cont'd.)

### FINISHES:

- Durex Architectural Coatings  
(see also Group F)

CGSB 1GP-162M

ASTM D822-91 - accelerated weathering

Meets all requirements

Specimen did not blister, check, crack,  
chalk or change colour

CAN/ULC S102-M83 - flame spread  
- smoke developed  
- fuel contributed

8

Less than 5

Less than 5

### Building Code Conformance:

**Classification:** Meets NBC (National Building Code) and OBC (Ontario Building Code) Combustible Cladding requirements for use in buildings required to be in conformance with part 3 for buildings up to 3 stories in building height, or part 9 combustible construction.

**Option Air or Air/Vapour Barrier:** Durex Flexlite when installed incorporating Durex Flexcrete as an air barrier within the assembly meets class 3 air barrier requirements. Check with Durabond for recommendations on appropriate requirements and application of air barrier for your project.

### CLEAN UP:

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

### STORAGE:

Store all **DUREX FLEXLITE** 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.**

### 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 assistance for unique applications and design is available upon request from **Durabond Products Limited.**

# DURABOND

Manufacturers and Distributors of High Quality Construction Products

55 Underwriters Road, Toronto, Ontario M1R 3B4

Tel: (416) 759-4474 Toll Free: 1-877-DURABOND (387-2266) Fax: (416) 759-4470

Email: [info@durabond.com](mailto:info@durabond.com) Website: [www.durabond.com](http://www.durabond.com)

**G-6**