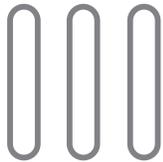


DURAbond 50 YEARS 1967-2017

Durex[®] 
Equalite Select

Non-Combustible Cladding System

*Pushing the envelope through the energy efficient and high performance
Equalite Family of Systems*

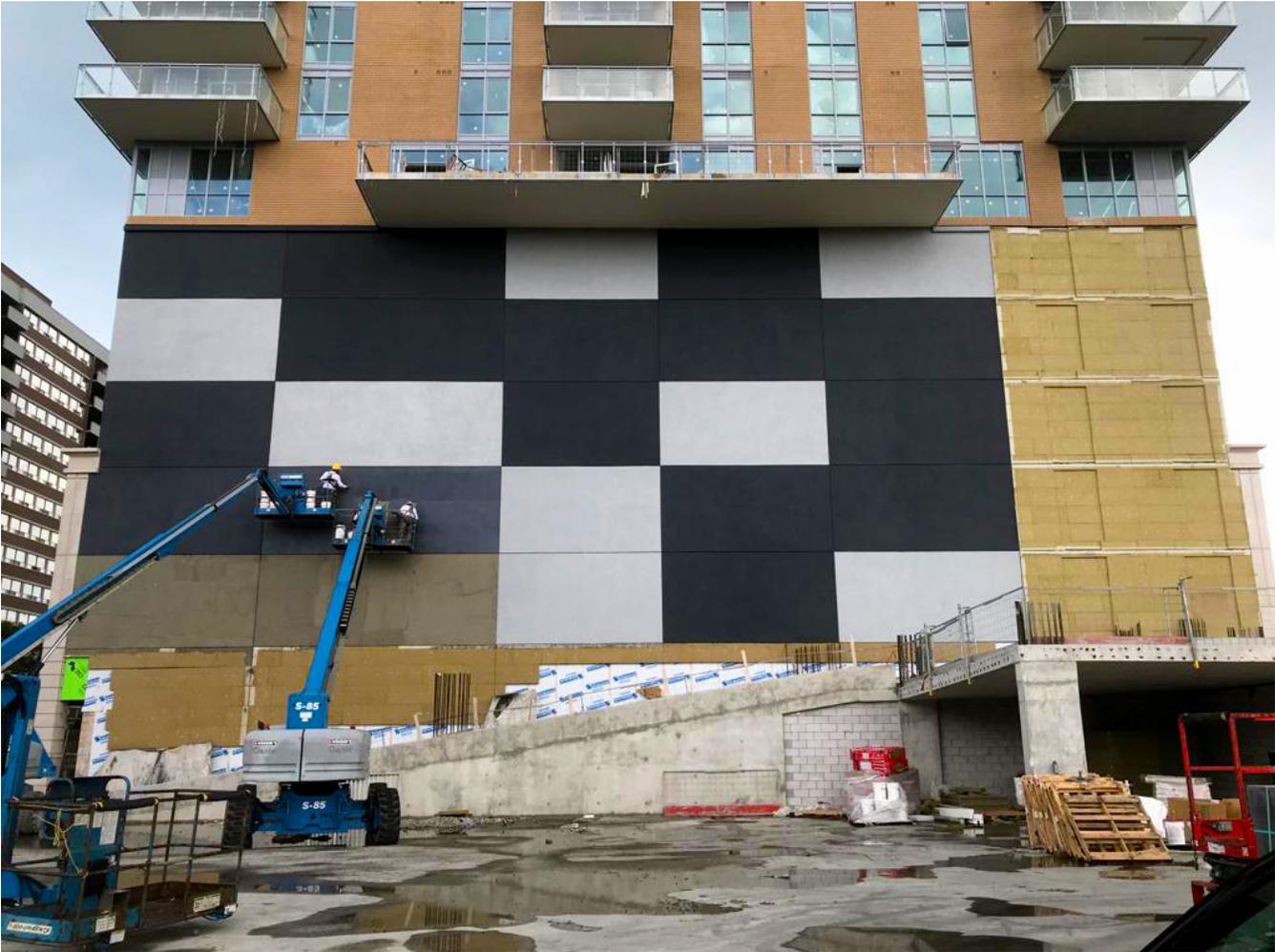
www.durabond.com

Durex® Equalite Select Guide

Table of Contents



Durex® Equalite Select Systems Guide	2
Durex® Equalite Select Systems Specifications	3
Systems Features and Advantages	4
Insulation and Component Options	5
Fire Safety - High-rise Code Compliance	6
Fire Safety - Low-rise Code Compliance	7
Decorative Finish Options	8 - 9



Durex® Equalite Select

Durex® Equalite Select is an energy efficient, high performance, noncombustible insulated rainscreen cladding system that features noncombustible rigid, mineral wool fibre insulation. This outperforming insulated cladding system is designed to retain maximum insulation value through the elimination of thermal bridging.

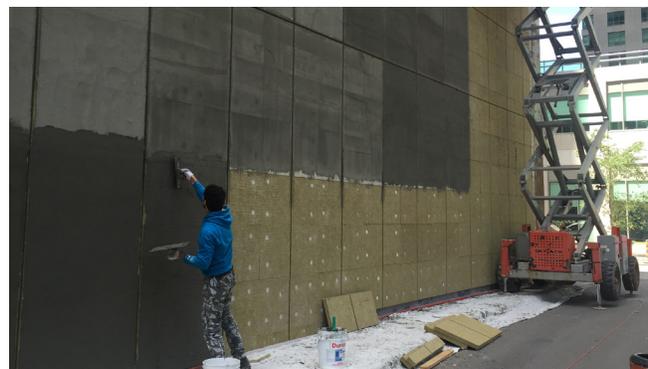
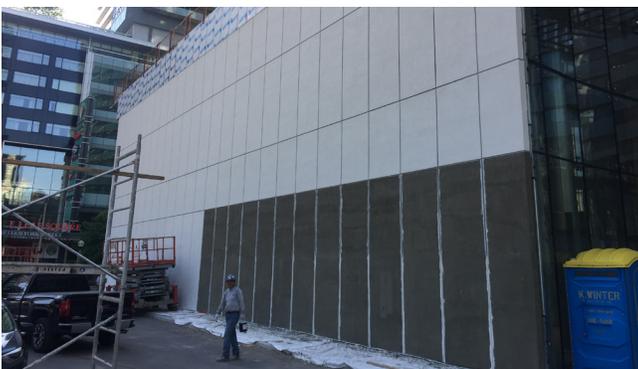
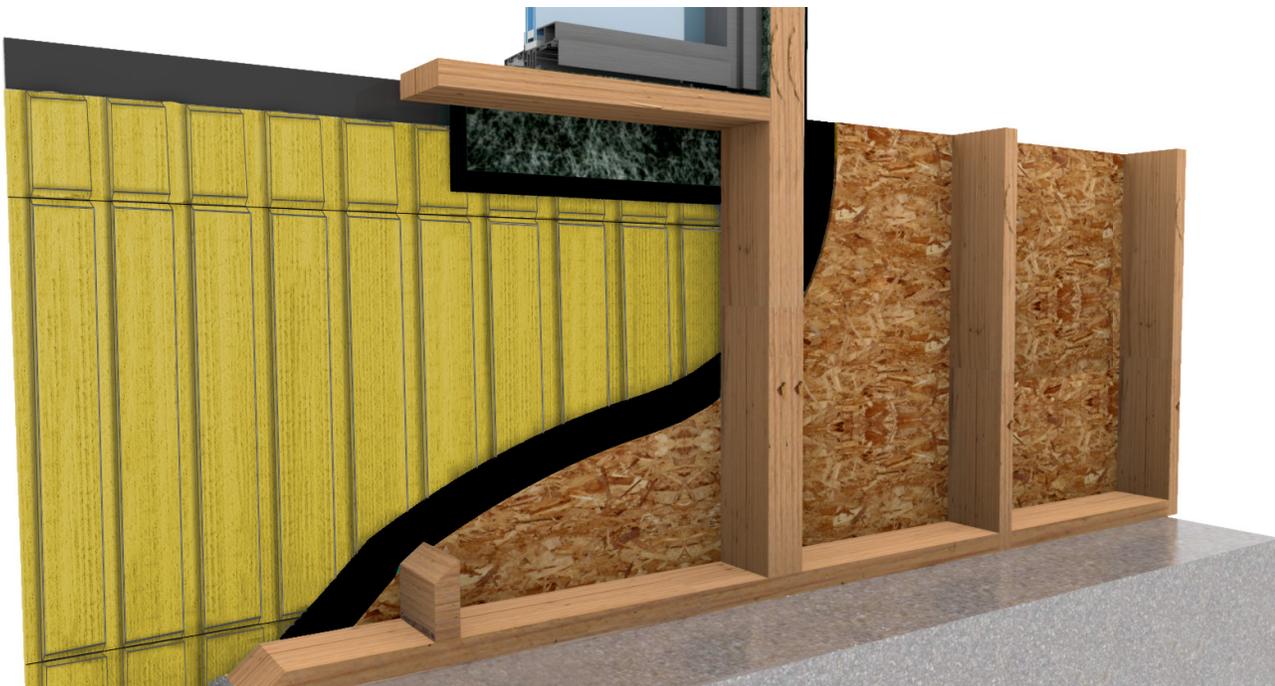
The primary advantages lie in its noncombustibility, allowing its use where noncombustible cladding is mandated, as well as, through its provision of continuous insulation (CI) that reduces temperature variations and maintains the building enclosure and its framing elements at temperatures close to those of the building's interiors. Durex® Equalite Select is an excellent, efficient, cost-effective, light weight cladding system for use in new and retrofit, institutional, residential, commercial and industrial construction.

Durex® Equalite Select increases the energy efficiency and overall wall performance of new and/or retrofit construction by adding insulation continuously on the exterior face of the structure, reducing thermal bridging, and by providing air tightness of the building envelope.

Durex® Equalite Select meets and exceeds the design requirements of the National Energy Code of Canada for Continuous Insulation (CI) and air tightness requirements.

Durex® Equalite Select is particularly the most effective cladding solution for increasing the service life of older, energy inefficient, deteriorating buildings.

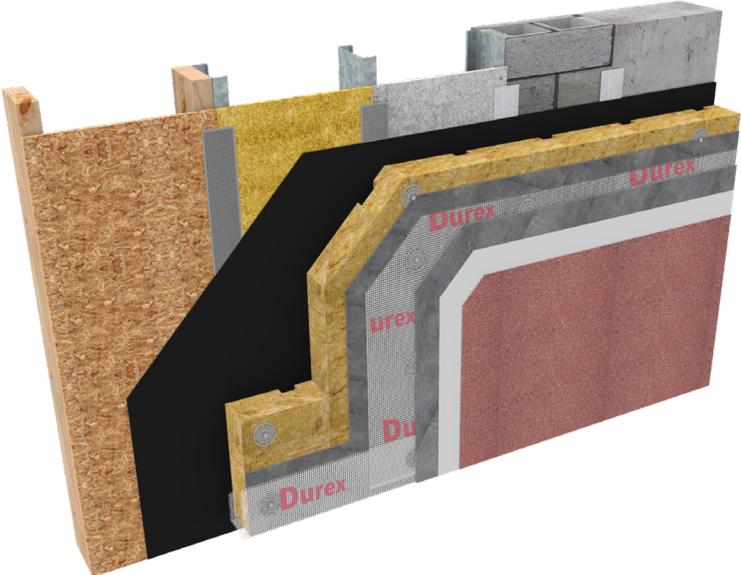
Durex® Equalite Select complies with the applicable Fire Protection requirements of Part 3 of Division B of the National Building Code (NBC) of Canada with respect to CAN/ULC-S114.



Advanced Rainscreen Cladding

The Superior Performance Cladding

Durex® Equalite Select - Durabond's leading, noncombustible, exterior insulation and finish system (EIFS) that integrates the performance of several wall components for providing the essential environmental separation controls of heat/air/moisture/fire while providing the strength, durability and desired aesthetics. Durex® Equalite Select family of systems features a 10 mm geometrically defined drainage cavity (GDDC), to provide drainage and accelerated drying of any incidental moisture ingress into the wall cavity while maximizing energy efficiency of the wall through continuous insulation. Durex® Equalite Select is intended to be used where noncombustible cladding is mandated, on virtually any type of construction, new and retrofit, regardless of age or wall construction.



Description	Advantages	Options
<p>Equalite Select is a high performance, noncombustible, insulated cladding system featuring a weather resistive barrier providing air and moisture controls along with a rigid, medium density mineral wool fibre insulation, having an integrated 10 mm Geometrically Defined Drainage Cavity (GDDC) to provide drainage and accelerated drying of incidental moisture passing the cladding.</p> <p>The reinforced, noncombustible, polymer-modified base coat provides durability to the system and the desired aesthetics in conjunction with the finish coat. Corrosion resistant mechanical fasteners and Durex® ULP plastic plates are used for the attachment of the insulation to concrete, masonry, wood/steel framing.</p>	<ul style="list-style-type: none"> • Noncombustible, thermally efficient insulation and finish cladding system, providing continuous exterior insulation eliminating thermal bridges. • Noncombustible mineral wool fibre insulation board and base coat • Tested and proven to retain the designed R-value when compared to conventional EIFS. • Waterproof self-adhered modified bituminous membrane • Pressure moderated • 10 mm Geometrically Defined Drainage Cavity (GDDC) <ul style="list-style-type: none"> • Gravity induced flow • Allows for efficient drainage • Eliminates capillary actions • Accelerate drying • Diffuses vapour flow 	<ul style="list-style-type: none"> • Air / Vapour / Moisture Barrier Flex Seal / Flex Seal VP / Airstop <i>(Design will dictate type of barrier required)</i> • Attachment Mechanically Fastened • Insulation Minimum thickness 3" (75mm) channeled vertically for positive drainage • Fibremesh Reinforcement Minimum 6oz mesh • Base Coat Uniplast

System Features & Advantages

Benefits & Features of Durex® Equalite Select

Excellent Thermal Resistance

- Control convective heat flow currents and maintains R-Value
- Provides thermal efficiency and reduce thermal bridging
- Reduce temperature variations
- Less structural movements due to less thermal variation

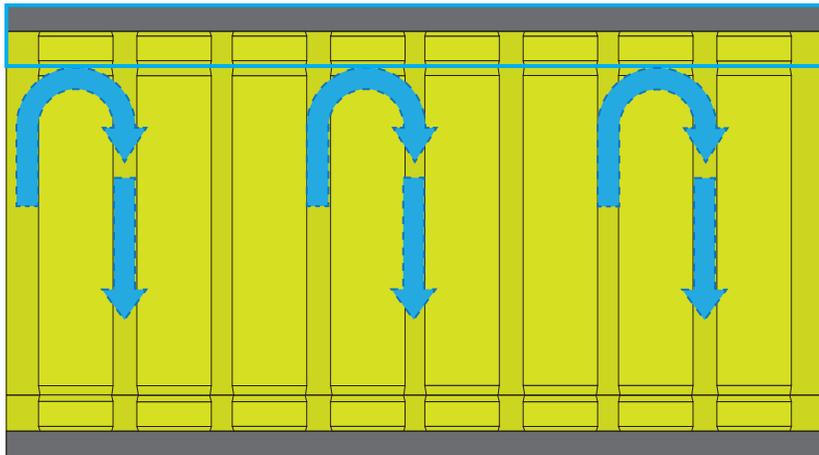
Air/Vapour Control

- Capacity to provide air flow control
- Capacity to provide vapour low control

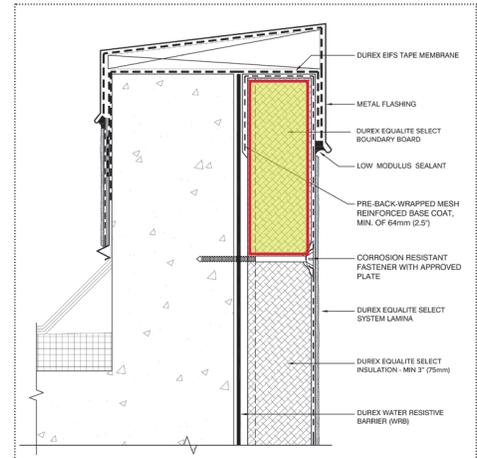
Effective Moisture Control Strategies

- 10 mm GDDC (geometrically Defined Drainage Cavity)
 - Superior drainage capacity
 - Eliminates capillary action
 - Diffuses vapour flow
- Optimal Drainage Path
 - Gravity induced flow
 - Accelerates drying of drainage plane

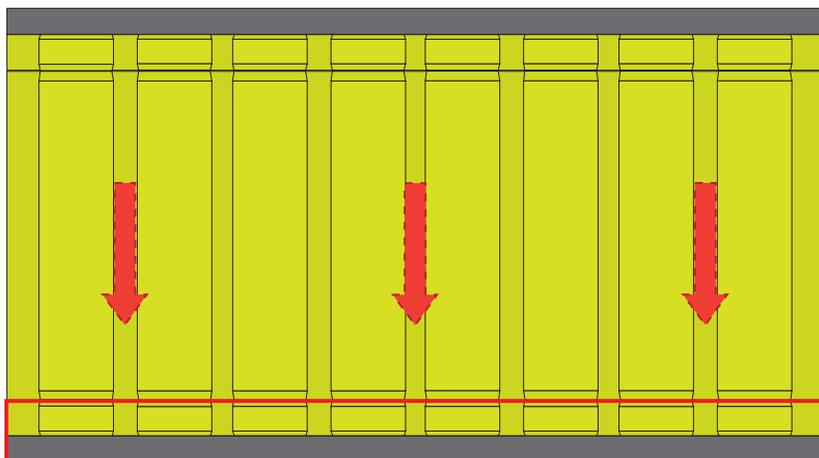
Noncombustible



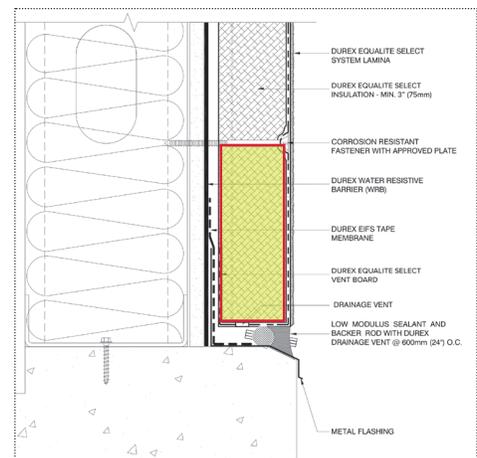
Full Thermal Resistance Retention



Top of Wall

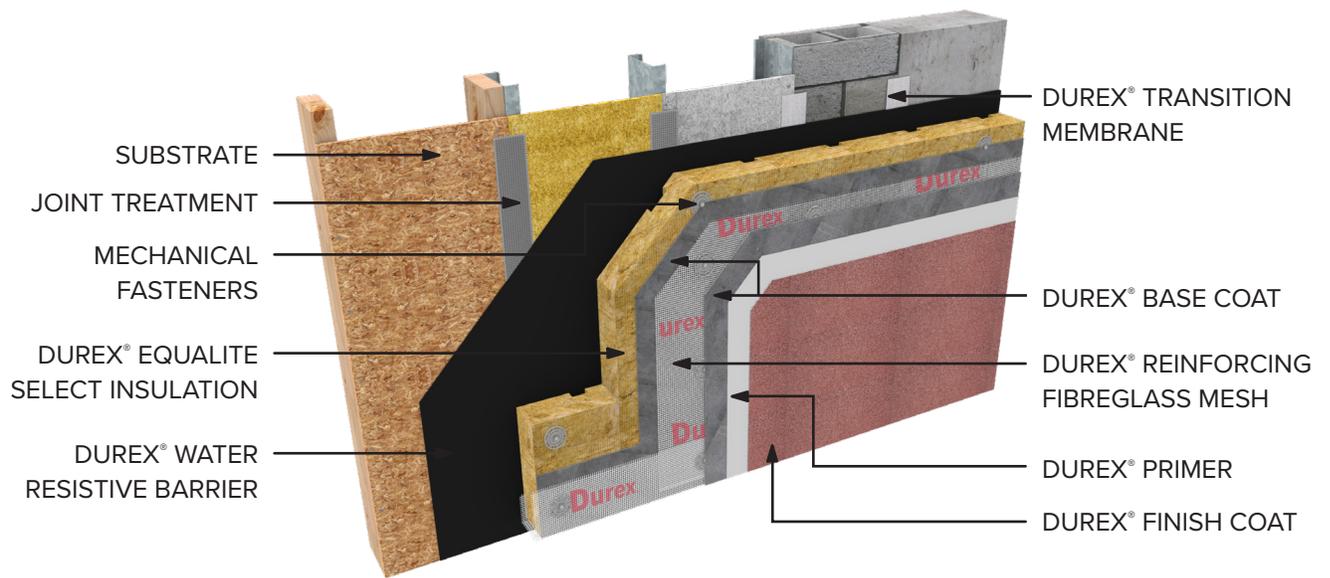


Facilitates Drainage to Exterior



Bottom of Wall

Insulation Types and Component Options



DUREX® INSULATION OPTIONS

PRODUCT	TYPE	FEATURES	REMARKS
Equalite Select	Mineral Wool	R 4.0 (0.70 RSI) / in.	CCMC #13103

WATER RESISTIVE BARRIER

PRODUCT	TYPE	FUNCTION	REMARKS
FlexSeal	Peel & Stick	Vapour Barrier	CCMC #13103
FlexSeal VP	Peel & Stick	Air Barrier	CCMC #13103

DUREX® BASE COAT OPTIONS

PRODUCT	TYPE	FEATURES	REMARKS
Uniplast + Acrybond S	Cementitious	Noncombustible	CCMC #13103

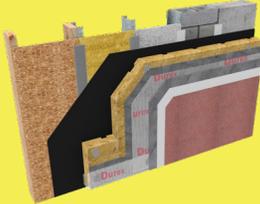
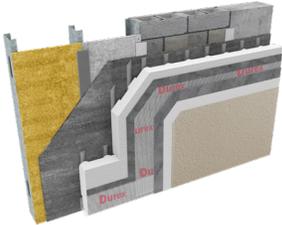
REINFORCED FIBREGLASS MESH

PRODUCT	TYPE	COVERAGE	REMARKS
6 oz Intermediate	039 mesh	203 gm/m ²	CCMC #13103-R
11 oz Intermediate	323 mesh	373 gm/m ²	CCMC #13103-R
15 oz High Impact	330 mesh	509 gm/m ²	CCMC #13103-R
21 oz High Impact	391 mesh	712 gm/m ²	CCMC #13103-R

High-rise Code Compliance

Fire Safety - Performance Properties & Design

Durex® Equalite Select does incorporate mineral wool insulation and a protective lamina with a noncombustible base coat and glass-fibre reinforcing fabric that offer protection and full code compliance for use in buildings required to be of noncombustible construction. The National Building Code (NBC) of Canada and the Provincial and Territorial Building Codes implement some of the stringiest requirements for fire safety in the world. The table below summarizes the requirements and related code sections that govern the use of EIFS in buildings required to be of noncombustible construction.

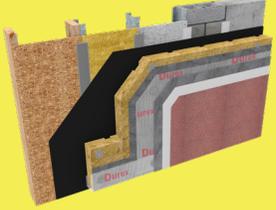
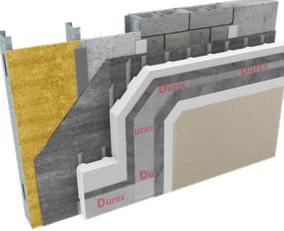
2015 NBC and 2016 OBC - Part 3				
PERMITTED UNPROTECTED OPENING	CONSTRUCTION TYPE	CLADDING TYPE	AVAILABLE SYSTEMS	CODE REFERENCE
0 - 10%	Noncombustible	Noncombustible	DUREX® EQUALITE SELECT 	Article 3.2.3.7.
10 - 25%	Combustible or Noncombustible	Noncombustible	DUREX® QUANTUM SELECT 	Article 3.2.3.7.
25 - 50%	Combustible or Noncombustible	Noncombustible		and; Clause 3.2.3.8(1)(b)
50 - 100%	Combustible or Noncombustible	Combustible or Noncombustible		or; Article 3.1.5.5.**



Low-rise Code Compliance

Fire Safety - Performance Properties & Design

Durex® Equalite Select is a widely used cladding system for low rise residential and commercial construction because of its design aesthetic freedom, thermal efficient properties and cost effectiveness. The Table below summarizes the requirements of the National Building Code of Canada and the Provincial and Territorial Building Codes for fire protection and occupant safety when used in facades that are in proximity to the property line.

2015 NBC and 2016 OBC - Part 9				
LIMITING DISTANCE	CONSTRUCTION TYPE	CLADDING TYPE	AVAILABLE SYSTEM	CODE REFERENCE
< 0.6 m	Noncombustible	Noncombustible	DUREX® EQUALITE SELECT 	Clause 9.10.15.5.2(c)**
< 1.2 m but > 0.6 m	Combustible or Noncombustible	Combustible or Noncombustible	DUREX® QUANTUM SELECT 	Clause 9.10.15.5.2.2 (a) & (b)
> 1.2 m	Combustible or Noncombustible	Combustible or Noncombustible		



Decorative Finishes

Versatile Finishes for Equalite Select Family of Systems

Classic Finishes



Marble Coat 1.5

Our most popular texture, is a coarse high-build finish with added depth of texture.



Marble Coat 1.0

Another popular texture, a medium build finish for a slightly finer but deep look.



Venecian

A medium build finish with added aggregate for a classic swirl look.



PebbleFloat

A coarse, high build finish with uniform stone sizes for a pebble-like appearance.



Sandex

Our finest float applied coating that yields a fine, uniform pebble finish.



Graffiato

A coarse finish with added large aggregate for a linear scratched appearance.



Roller Applied Finishes



Brushcoat

A versatile textured decorative coating with excellent permeability and water repellency.



Roltex

A high build textured roller applied coating with excellent hiding power.



EMC

Breathable, highly elastomeric acrylic coating with superb crack bridging capabilities.



Dur-X-Cel

A smooth protective coating also used to re-coat trowel applied finishes.

Advanced Roller Applied Finishes



Acrotel EC-A

High-performance and elastomeric coating with anti-carbonation technology that protects concrete.



Ecto-Sil

A silicone based elastomeric protective coating with unparalleled UV and weathering resistance.



Stucco Spray

Traditional and elegant spray applied finish ideal for coating large wall areas.



Trim Spray

Specially formulated spray applied coating with fine aggregates for mouldings and trims with superb hiding power.

Premium Finishes



Sandstone

A pre-cast like finish formulated to give a limestone appearance for a sharp, modern look.



Rasato

Coarse grade smooth finish for a unique texture with a rustic feel.



Rustico

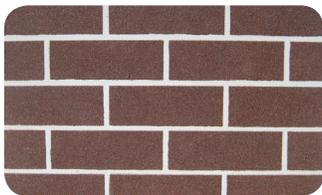
Medium grade smooth finish for a uniform, classic texture.



Antico Glaze

Translucent glaze that simulates a natural aging effect. For use over any texture.

Craftsmen Series



Dur-A-Brick

Simulate the look and feel of masonry with all the benefits of EIFS cladding!



Knock Down

Put on thick, pull off with a sponge, and knocked down with a trowel for a classic California finish.



Pull Off

Put on thick and pull off with a sponge for a modern performing old-English style finish.



TimberFX

Made with a custom acrylic glazed polymer engineered to create a wood grain finish.

Luxury Series



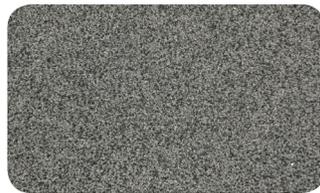
Granite

High build coating with coloured aggregates embedded in clear, 100% acrylic resin.



Gemstone

High build protective and decorative coating with coloured aggregates and oversized mica flakes.



Century Stone

100% acrylic, multi-coloured coating consisting of proprietary coloured aggregates and flakes.



Stonetex

High build, multi-coloured protective coating with coloured natural stone chips in clear, 100% acrylic resin.



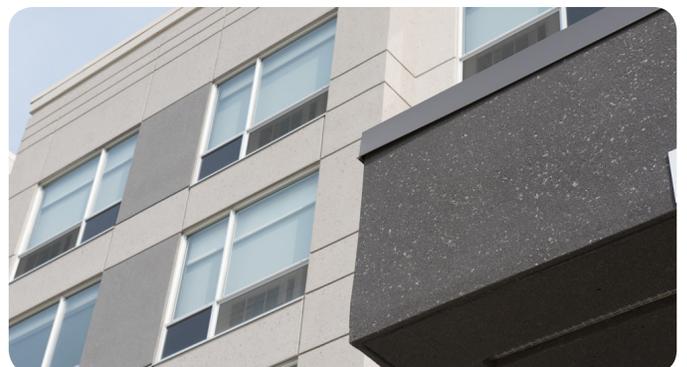
Cromatex

Durable, metallic coating made with high grade acrylic polymers that yields a sharp, strong finish.



Crystal Coat

High build, multi-coloured reflective coating with a rich, vibrant texture.





www.durabond.com

DURABOND 

Mississauga

6178 Netherhart Road, Mississauga, ON Canada L5T 1B7
Tel 905.565.9283 Fax 905.565.9365 info@durabond.com

Toronto

55 Underwriters Road, Scarborough, ON Canada M1R 3B4
Tel 416.759.4474 Fax 416.759.4470 info@durabond.com

Edmonton

14345 120th Avenue, Edmonton, AB Canada T5L 2R8
Tel 780.451.6364 Fax 780.453.9056 info@durabond.com

Toll Free (North America): 1.877.387.2266

The recommendations and information in this chart/document are for the application of Durex® products manufactured by Durabond, and are based on practical knowledge for general site conditions and uses. This chart is to be used as a reference guide only to identify and display the various products for general, non-site specific applications for a variety of installations. Differences in site conditions, preparations, materials are continuously variable and unknown.

As such, no warranty, guarantee or legal binding relationship is implied whatsoever with these products and systems and no guarantee can be made to their performance. In addition, preparation and condition of the substrate is of such utmost importance that a Durabond Technical Representative must be notified prior to installation of any of the aforementioned products and/or systems.

An installer must always prepare the surface to the recommendations found on the current data sheet of each product written and produced by Durabond Technical Coatings Limited. These data sheets can be obtained from Durabond's website, www.durabond.com, or by contacting a Technical Sales Representative directly.