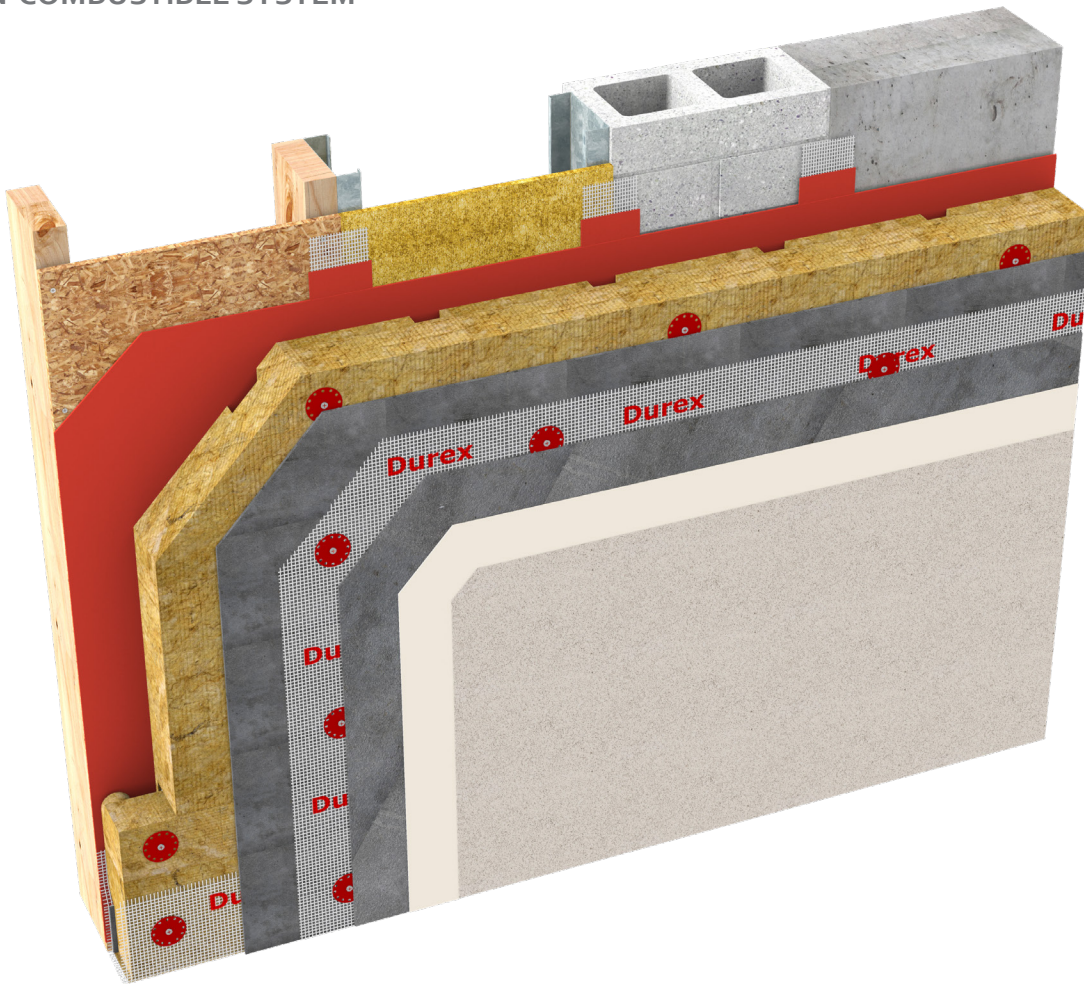


# Durex® Equalite Select

NON-COMBUSTIBLE SYSTEM

*Non-Combustible Drained Pressue Equalized  
Mineral Fiber Insulation Finish System*



**CCMC 13103-R**

**CAN/ULC S716.1 Materials**

**CAN/ULC S716.2 Installations**

**CAN/ULC S716.3 Design Application**

**G.D.D.C Factor = 25%**

**C.I Factor = 0.70 RSI/Inch Semi-Rigid Mineral**



Non- Combustible



Drained



Acoustic  
Resistance



Ultra High  
Impact Resistance

Protect. Enhance. Outperform.

**DURAbond**

**50**  
YEARS  
1967-2017

1-877-387-2266

info@durabond.com

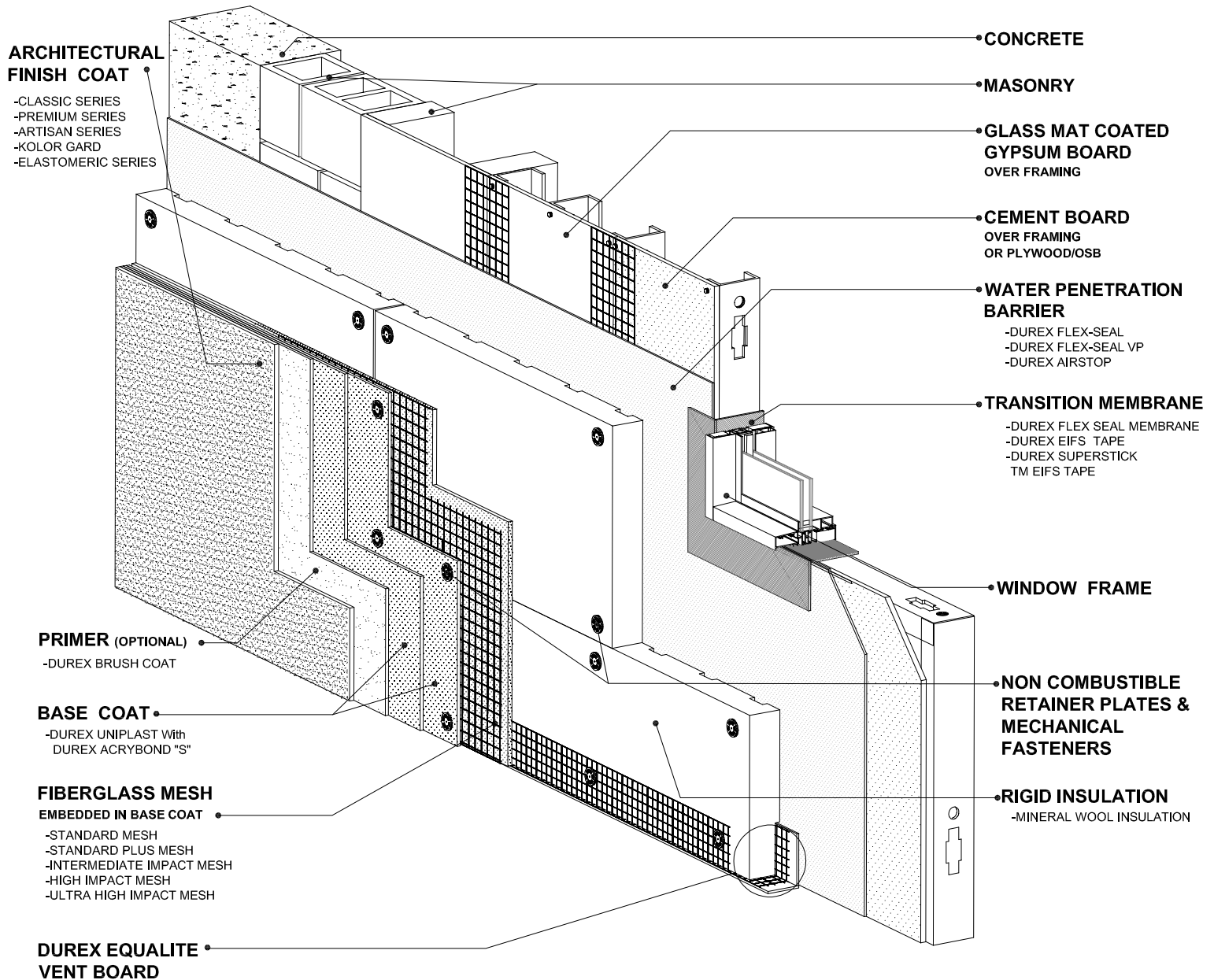
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# Durex®

## Equalite Select

NON COMBUSTIBLE SYSTEM

*Non-Combustible EIFS System  
Drainage - GDDC - Pressure Moderated*



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Durabond details are offered to assist in the development of project specific details; principles and variables incorporated in all details are the sole responsibility of the project professional(s).

*System Isometric  
& Components*

# Durex® Equalite Select

## Noncombustible Drained Pressure Equalized (Mineral Fiber) Insulated Finish System

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Durex® Equalite Select is a pressure equalized exterior insulation and finish system. The system, which has been independently tested, consists of a water resistive barrier, mineral fibre insulation with a 10 mm geometrically defined drainage cavity (GDDC), mechanical fasteners, glass fibre reinforcing mesh, continuous vent boards, non-combustible base coats, and a finish texture coat from any one of the available Durex® Architectural Coatings.                                                                                                                                                                                                                                                                          |
| <b>Uses</b>        | Durex® Equalite Select is suitable for use over a wide range of structurally sound substrates and is recommended for use in buildings which require to be of non-combustible construction and pressure equalized cladding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Advantages</b>  | <ul style="list-style-type: none"> <li>• Totally non-combustible cladding</li> <li>• Pressure equalized (rain screen principle)</li> <li>• Continuous venting at floor lines and horizontal terminations</li> <li>• Vertical orientation of the fibres and drainage channels in the rigid insulation allows for positive drainage</li> <li>• Continuous water resistive barrier (self-sealing)</li> <li>• Simple interfacing with other pressure equalized cladding systems</li> <li>• Continuous High Density thermal barrier</li> <li>• Aesthetic design flexibility</li> <li>• <b>GDDC Factor 25% (Geometrically Defined Drainage Cavity)</b></li> <li>• <b>CI factor 0.70 RSI (R 4.0) per inch (Continuous Insulation)</b></li> </ul> |

### TECHNICAL DATA

| SYSTEM COMPONENT                                                                                                   | STANDARD/METHOD                                                                                                                               | RESULTS                                 |                                  |                              |      |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------|------------------------------|------|
| <b>INSULATION:</b>                                                                                                 |                                                                                                                                               | <b>Thermal Resistance</b>               | <b>GDDC Factor</b>               |                              |      |
| Durex Equalite Select<br>Mineral Fiber                                                                             | CAN/ULC S702                                                                                                                                  | 0.70 RSI (R 4.0) per inch               | 25%                              |                              |      |
| <b>WATER RESISTIVE BARRIER:</b>                                                                                    |                                                                                                                                               |                                         |                                  |                              |      |
| <b>Air / Vapour Barriers</b>                                                                                       | ASTM E96 –Water Vapour Transmission                                                                                                           | <b>Method A</b>                         | <b>Method B</b>                  |                              |      |
| Durex Flexseal                                                                                                     |                                                                                                                                               |                                         | 2.9 ng/Pa.s.m <sup>2</sup>       |                              |      |
| Durex Flexseal VP                                                                                                  |                                                                                                                                               | 629 ng/Pa.s.m <sup>2</sup>              | 972 ng/Pa.s.m <sup>2</sup>       |                              |      |
|                                                                                                                    | (Refer to product specific Technical Data Sheet for more detailed data)                                                                       |                                         |                                  |                              |      |
| <b>Air Barriers</b>                                                                                                |                                                                                                                                               |                                         |                                  |                              |      |
| Durex Flexseal VP                                                                                                  |                                                                                                                                               | 629 ng/Pa.s.m <sup>2</sup>              | 972 ng/Pa.s.m <sup>2</sup>       |                              |      |
| Durex AirStop                                                                                                      |                                                                                                                                               | 185 ng/Pa.s.m <sup>2</sup>              | 505 ng/Pa.s.m <sup>2</sup>       |                              |      |
| <b>INSULATION ATTACHMENT:</b>                                                                                      |                                                                                                                                               |                                         |                                  |                              |      |
| -Durex“M” fasteners (masonry)                                                                                      | ASTM B-117 – salt spray                                                                                                                       | 750 hrs. or better                      |                                  |                              |      |
| -Durex “W” fasteners (wood)                                                                                        | DIN 50012 - SO <sub>2</sub> exposure                                                                                                          | 25+ cycles                              |                                  |                              |      |
| -Durex “S” fasteners (steel)                                                                                       | FM4470 & DIN 50018 SFW                                                                                                                        | 30 cycles Pass                          |                                  |                              |      |
| -Durex Equalite Washer NC                                                                                          |                                                                                                                                               | Encapsulated Noncombustible Metal Plate |                                  |                              |      |
| <b>LAMINA:</b>                                                                                                     |                                                                                                                                               |                                         | <b>Retention Physical</b>        | <b>Retention Performance</b> |      |
| <b>Impact Resistance</b>                                                                                           | ASTM E2486 – Impact Resistance                                                                                                                |                                         |                                  |                              |      |
| Durex Fiberglass Mesh                                                                                              |                                                                                                                                               | Standard                                | 3 N.m                            | 10 N.m                       | PASS |
| (Note: Impact resistance level is directly related to the weight and layers of Fiberglass mesh used in the lamina) | (Refer to Table 1.5.9 of the Equalite Select Specifications for detailed selection chart for guidance on level of impact resistance required) | 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 |
| <b>Base Coat</b>                                                                                                   |                                                                                                                                               |                                         |                                  |                              |      |
| Durex Uniplast/Acrybond “S”                                                                                        | CAN/ULC S114 Noncombustibility                                                                                                                | Rated Noncombustible                    |                                  |                              |      |
| Durex Monobase                                                                                                     |                                                                                                                                               | Rated Noncombustible                    |                                  |                              |      |
| <b>FINISHES:</b>                                                                                                   |                                                                                                                                               |                                         |                                  |                              |      |
| <b>Durex Architectural Coatings</b>                                                                                | CAN/ULC S716.1 & CCMC Report # 13103-R                                                                                                        | Durex Architectural Coatings            | Meet and exceed all requirements |                              |      |
| Classic Series                                                                                                     |                                                                                                                                               |                                         |                                  |                              |      |
| Premium Series                                                                                                     | (Refer to product specific Technical Data Sheet and CCMC Evaluation Report # 13103-R for more detailed data)                                  |                                         |                                  |                              |      |
| Artisan Series                                                                                                     |                                                                                                                                               |                                         |                                  |                              |      |
| Kolor Gard Series                                                                                                  |                                                                                                                                               |                                         |                                  |                              |      |

| <b>PERFORMANCE:</b> <i>(Refer CCMC Evaluation Report # 13103-R for complete detailed performance data)</i> |                                                                                                                                        |                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fire Protection</b>                                                                                     | CAN/ULC S101 & CAN/ULC S114<br><i>(Compliance to NBC 3.2.3.8(1) (b) )</i><br>CAN/ULC S101<br><i>(Fire Resistance rated Assemblies)</i> | Rated as non-combustible cladding ULC design EW21/ EW22<br>2 hr. FR rating ULC design W425 (Non-Load Bearing)<br>1 hr. FR rating ULC design W489 (Load Bearing)<br>2 hrs. FR rating ULC design W485 (Load Bearing)<br>2 hrs. FR rating ULC design W456 (Non-Load Bearing) |
|                                                                                                            | CAN/ULC S134<br><i>(Compliance to NBC 3.1.5.5)</i>                                                                                     | Intertek listing # DPL-WEIFS 30-01                                                                                                                                                                                                                                        |
| <b>Wind Load Resistance</b>                                                                                | ASTM E330 – sustained                                                                                                                  | -2.5 kPa for 60min. – no visible damage to any of the wall components                                                                                                                                                                                                     |
|                                                                                                            | ASTM E330 – cyclic                                                                                                                     | 600 cycles alt. 0 to -2.5kPa – no visible damage to any of the wall components                                                                                                                                                                                            |
|                                                                                                            | ASTM E330 – blow-out                                                                                                                   | -3.75kPa applied for 10 sec. – no visible damage to any of the wall components - max. pressure 7.12 kPa                                                                                                                                                                   |
| <b>Water Tightness</b>                                                                                     | ASTM E331                                                                                                                              | 400 Pa pressure difference for 15 min. – no water penetration through the exterior surface finish                                                                                                                                                                         |
| <b>System Compliance</b>                                                                                   | CCMC Technical Guide for EIFS<br>CAN/ULC S716.1 EIFS Materials & System                                                                | CCMC Evaluation Report # 13103-R<br>Durex Equalite Select is fully compliant with:<br>CAN/ULC S716.1 Materials & System<br>CAN/ULC S716.2 Installation of Components & WRB<br>CAN/ULC S716.3 Design Application                                                           |

**Building Code Conformance:**

Durex® Equalite Select complies with the following building code requirements (refer to applicable building code)

|                       |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Classification</b> | Category 1<br>CAN/ULC S114                                                                                                                                                     | NON-COMBUSTIBLE SYSTEM<br>Non-Combustible Lamina<br>Non-Combustible Insulation                                                                                                                                                                                                                   |
| <b>Part 3</b>         | Article 3.1.5.1<br>Article 3.1.5.2<br>Article 3.2.3.7 & Table 3.2.3.7                                                                                                          | Non-Combustible System<br>Allowable Minor Combustible Components<br>0-10% Unprotected Openings                                                                                                                                                                                                   |
| <b>Part 5</b>         | Section 5.6.1<br>Sub-Section 5.6.2.1<br>Section 5.9.4                                                                                                                          | Protection from Precipitation<br>Sealing and Drainage<br>Exterior Insulation Finish Systems                                                                                                                                                                                                      |
| <b>Part 9</b>         | Clause 9.25.2.2(1)(d)<br>Sub-Section 9.25.5.2<br>Clause 9.27.1.1(5)<br>Section 9.27.2<br>Article 9.27.3.1<br>Sub-Section 9.27.13<br>Article 9.10.14.5 & Table 9.10.15.5<br>(A) | Insulation Materials CAN/ULC S701<br>Position of Low Permeance Membranes<br>General (Cladding, Application)<br>Required Protection from Precipitation<br>Elements of Second Plane of Protection<br>Exterior Insulation Finish Systems<br>0-10% Unprotected Openings<br>< 0.6 m Limiting Distance |

|                           |                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>        | 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.                                                                             |
| <b>Clean-up</b>           | Clean all tools promptly after use with clean water. Do not allow mixes to dry on tools.                                                                                                                                                                                                                                                              |
| <b>Storage</b>            | 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.                                                                                         |
| <b>Health and Safety</b>  | 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.                                                                            |
| <b>Warranty</b>           | 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.                               |
| <b>Technical Services</b> | Technical support is available upon request at <a href="mailto:info@durabond.com">info@durabond.com</a> . For the latest version of this data sheet, please visit our website at <a href="http://www.durabond.com">www.durabond.com</a> , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative. |

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