

# Durex® Equalite Insulation Board

## Mineral Wool Insulation Board

<b>Description</b>	Durex® Equalite Insulation Board is a Stone Wool (Mineral Wool) Insulation Board (as per CAN/ULC-S702) for use in Durex® Equalite family of EIFS Systems. Durex® Equalite Insulation is supplied in sheets which are 610 mm (2ft) x 1220 mm (4 ft), in thicknesses from 50.8 mm (2") to 152 mm (6") in increments of 12.5 mm (1/2") and available as 8 lbs/ft <sup>3</sup> (128 kg/m <sup>3</sup> ) density board. Durex® Equalite Insulation can be applied over any substrate approved for our Equalite family of EIFS Systems and attached by mechanical fasteners as specified. The sheets are not to be applied directly to framing members when part of any Durex® Equalite family of EIFS System. All test results given herein, or any of those in our EIFS Systems are specific to use Durex® Equalite Insulation. Substitution voids all tests results and systems warranties offered. Special aesthetic shapes supplied by others are not incorporated in the Durex® EIFS System warranty.
<b>Uses</b>	For use as the Exterior insulation in all Durex® Equalite family of EIFS Systems. The use of the Stone Wool (Mineral Wool) insulation is governed by the applicable building codes.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Fire Resistant</li> <li>• Non-Combustible</li> <li>• Water and moisture resistant (repels water)</li> <li>• Does not rot or promote the growth of mildew, fungi or bacteria</li> <li>• Provides superior compressive strength for job site durability</li> <li>• Excellent sound-dampening characteristics</li> </ul>
<b>Limitations</b>	<p>Durex® Equalite Insulation Board is not recommend for use:</p> <ul style="list-style-type: none"> <li>• Precautions should be taken when insulation is in contact with the soil to prevent hidden entry through the insulation by vermin or insect pests</li> </ul>

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

<b>Available Thicknesses</b>	50.8 mm (2") to 152 mm (6") in 12.5 mm (1/2") increments
<b>Material</b>	Stone Wool Insulation - 8.0 lb/ft <sup>3</sup> (128 kg/m <sup>3</sup> )
<b>Coverage</b>	0.74 m <sup>2</sup> (8 ft <sup>2</sup> ) per board

	METHOD	RESULT
<b>Compliance</b>	ASTM C612	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant
<b>Reaction to Fire</b>	ASTM E84 (UL723) CAN/ULC S102 CAN/ULC S114	Flame spread index = 0; Smoke developed index = 0 Flame spread index = 0; Smoke developed index = 0 Determination of Non Combustibility of Building Materials - Non Combustible
<b>Density</b>	ASTM C411 ASTM C303	Hot Surface Performance - 1200°F 8 lbs/ft <sup>3</sup> (128 kg/m <sup>3</sup> )
<b>Dimensional Stability</b>	ASTM C356	Linear Shrinkage - <1% @ 1200°F
<b>Corrosion Resistance</b>	ASTM C795  ASTM C665	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel – Passed Corrosion of Steel - Passed
<b>Thermal Resistance</b>	ASTM C518 (C1777)	4.0 ft <sup>2</sup> · h · °F / BTU – (R-Value / 1" @ 75 °F) 0.70 m <sup>2</sup> · °K / W – (RSI / 25mm @ 24 °C)
<b>Reaction to Moisture</b>	ASTM C1104 ASTM C1338	Moisture Sorption by weight - 0.05% Determination of Fungi Resistance - Passed
<b>Compressive Strength</b>	ASTM C165	439psf (21kPa) @ 10% compression 1065psf (50kPa) @ 25% compression

**Application** Durex® Equalite Insulation Board is always mechanically installed with the 610 mm (2 ft) side running vertically and the 1220 mm (4 ft) side running horizontally and in a running bond pattern. All corners are to utilize an interlocking

pattern. Follow specific procedures as outlined the system specification. Do not place insulation onto an uncured water resistive barrier (WRB). Any mechanical fasteners shall be of a type and size approved by Durabond Products Limited for use with the specific EIFS System being used.

- Storage** Store Durex® Equalite Insulation Board in a dry, vented, waterproof location and stacked off the ground. Keep materials dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. KEEP FROM FREEZING.
- Packaging** Durex® Equalite Insulation Board is supplied by the sheet, however sold by bundle. Individual sheets are bundled in polystyrene bags, to a volume of approximately 80 board feet per bundle. (One board foot is the nominal quantity of insulation derived from a piece of insulation 1 inch thick and 1 foot wide by 1 foot long). Dimensionally, each bundle s 1220 mm (4 ft) x 762 mm (2 ft) x 254 mm (10 in). All insulation products for use in a Durex® EIFS System shall be purchased from Durabond Products Limited or one of its authorized distributors. Insulation boards which are purchased from non-approved sources will void any applicable product or system warranties. Consult with Durabond for a list of approved distributors and manufacturers.
- Health and Safety** For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent MSDS 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. Mixing and matching products from other vendors will void any applicable product and system warranties. 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](mailto:info@durabond.com). Data sheets are subject to change without notice. Please visit our website at [www.durabond.com](http://www.durabond.com) for the most current information, or call toll free at 1-877-DURABOND (387-2266).

