

Durex® Equalite Insulation Board

EIFS Mineral Wool Insulation Board

- Description** Durex® Equalite Insulation Board is a Stone Wool (Mineral Wool) Insulation Board (as per CAN/ULC-S702), intended 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/ft³ (128 kg/m³) 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 Systems. 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 Systems warranty.
- Uses** 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.
- Features**
- Fire resistant
 - Non-combustible
 - **CI factor 0.70 RSI (R 4.0) per inch (Continuous Insulation)**
 - Water and moisture resistant (repels water)
 - Does not rot or promote the growth of mildew, fungi or bacteria
 - Provides superior compressive strength for job site durability
 - Excellent sound-dampening characteristics

TECHNICAL DATA

PHYSICAL PROPERTIES		
Available Thicknesses	50.8 mm (2") to 152 mm (6") in 12.5 mm (1/2") increments	
Material	Stone Wool Insulation - 8.0 lb/ft ³ (128 kg/m ³)	
Coverage	0.74 m ² (8 ft ²) per board	
PERFORMANCE PROPERTIES	METHOD	RESULT
Compliance	ASTM C612	Mineral Fibre Block and Board Thermal Insulation – Type IVB Compliant
	CAN/ULC S702	Mineral Fibre Thermal Insulation for Buildings – Type 1 Compliant
Reaction to Fire	ASTM E84 (UL723)	Flame spread index = 0; Smoke developed index = 0
	CAN/ULC S102	Flame spread index = 0; Smoke developed index = 0
	CAN/ULC S114	Determination of Non-Combustibility of Building Materials – Non-Combustible
	ASTM C411	Hot Surface Performance – 1200°F
Density	ASTM C303	8 lbs/ft ³ (128 kg/m ³)
Dimensional Stability	ASTM C356	Linear Shrinkage - <1% @ 1200°F
Corrosion Resistance	ASTM C795	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel – Passed
	ASTM C665	Corrosion of Steel – Passed
Thermal Resistance	ASTM C518 (C1777)	4.0 ft ² · h · °F / BTU – (R-Value / 1" @ 75 °F) 0.70 m ² · K / W – (RSI / 25mm @ 24 °C)
Reaction to Moisture	ASTM C1104	Moisture Sorption by weight – 0.05%
	ASTM C1104	Determination of Fungi Resistance – Passed
Compressive Strength	ASTM C165	439psf (21kPa) @ 10% compression
		1065psf (50kPa) @ 25% compression

Packaging	Durex® Equalite Insulation Board is supplied by the sheet, however sold by bundle. Individual sheets are bundled in polyethylene 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 is 1220 mm (4 ft) x 762 mm (2 ft) x 254 mm (10 in). All insulation products for use in Durex® EIFS Systems 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.
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.
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 in 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 Systems being used.
Limitations	Precautions should be taken when insulation is in contact with the soil to prevent hidden entry through the insulation by vermin or insect pests.
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 warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.
Technical Services	Technical 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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