

Comfortboard™ 80

Thermal Insulated Sheathing



ROCKWOOL Comfortboard™ 80 thermal insulated sheathing is a rigid stone wool insulation board designed for use as an exterior continuous insulation. Comfortboard™ 80 does not produce smoke or propagate flames, keeping occupants safe and reducing property damage in the event of a fire. Vapor permeable, this solution allows fast outward drying, keeping moisture out of your wall assembly.

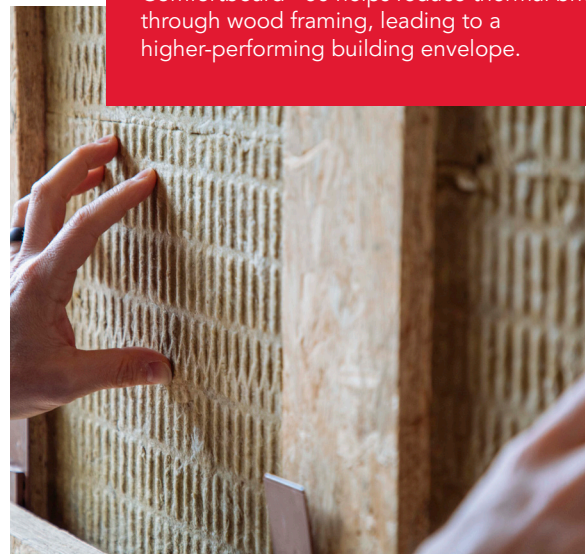
Certified by the California State Fire Marshall's Building Materials Listing Program (BML), Comfortboard™ 80 has also received ICC-ES (CCMC 12718-R & 13573-L) validated product acceptance for the following uses:

- Non-structural thermal insulation in non-fire-resistive rated dwellings
- Exterior perimeter insulation around foundation
- Under flat concrete slab
- A component of residential wood-framed cathedral ceilings
- In areas where probability of termite infestation is 'very heavy'

Learn more at
rockwool.com/products/comfortboard-80

Improved Thermal Performance

Comfortboard™ 80 helps reduce thermal bridging through wood framing, leading to a higher-performing building envelope.



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Technical Data Sheet
Board Insulation 07210*
Board Insulation 07 21 13**

ROCKWOOL Comfortboard™ 80 is a rigid stone wool board designed for continuous insulation applications.
A non-structural sheathing product, Comfortboard™ 80 provides increased thermal performance to the building envelope.

	Performance								Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant Mineral Fiber Thermal Insulation for Buildings - Type 1 Compliant								ASTM C612 CAN/ULC S702
Reaction to Fire	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								ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114
Density	Actual Density - 8 lbs/ft³ (128 kg/m³)								ASTM C303
Dimensional Stability	Linear Shrinkage = <0.5% @ 1200°F (650°C)								ASTM C356
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed Corrosion of Steel - Passed								ASTM C795 ASTM C665
Thermal Resistance	R-Value / inch @ 75°F RSI value / 25.4 mm @ 24°C		4.2 hr.ft².F/Btu 0.72 m²K/W						ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption - 0.05% Water Vapor Transmission, Desiccant Method - 1768ng/Pa.s.m² (31 perm) Determination of Fungi Resistance - Passed								ASTM C1104 ASTM E96 ASTM C1338
Compressive Strength	439psf (21kPa) @ 10% compression 1065psf (50kPa) @ 25% compression								ASTM C165
Dimensions	Thicknesses: 1.25" (31.8 mm), 1.5" (38.1 mm), 2" (50.8 mm), 2.5" (63.5 mm), 3" (76.2 mm) Lengths and widths*: 24" x 48" (610 x 1219 mm), 36" x 48" (914 x 1219 mm), 48" x 72" (1219 x 1829 mm), 48" x 96" (1219 x 2438 mm) *24" x 48" and 48" x 96" are available as standard offerings in each thickness between 1.25" and 3", 1.5" x 48" x 72" also available as standard								
Acoustical Performance	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC	ASTM C423
	1.5"	0.21	0.64	0.92	1	0.95	1.01	0.9	
	2"	0.43	0.78	0.9	0.97	0.97	1	0.9	
	3"	0.75	0.82	0.89	0.94	1	1	0.9	



Please contact ROCKWOOL for Declare labels for other ROCKWOOL manufacturing facilities.

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NOTE: *Master Format 1995 Edition **Master Format 2004 Edition. As ROCKWOOL has no control over installation design and workmanship, accessory materials or application conditions, ROCKWOOL does not warranty the performance or results of any installation containing ROCKWOOL's products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.



8024 Esquesing Line, Milton, ON L9T 6W3
Tel: 800-265-6878 • Fax: 800-991-0110
rockwool.com