COMFORTBOARD™ 80

Continuous Insulation

ROCKWOOL COMFORTBOARD™ 80 is a rigid stone wool continuous insulation board used as a non-structural sheathing product in residential construction.

It is designed to provide increased thermal performance to the building envelope. Installing COMFORTBOARD™ 80 as continuous insulation with our ROCKWOOL COMFORTBATT® as the wall cavity insulation contributes to a higher effective R-value wall system.

COMFORTBOARD™ 80 is non-combustible, vapor permeable, water repellent and sound absorbent.

It has also received ICC-ES validated product acceptance in accordance to IRC and IBC 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
- and in areas where probability of termite infestation is 'very heavy.'

Learn more at rockwool.com

Reduce Thermal Bridging

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

ROCKWOOL™

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Technical Data Sheet

Board Insulation 07210*
Board Insulation 07 21 13**

ROCKWOOL COMFORTBOARD™ 80 is a rigid mineral wool, non-structural insulated sheathing board used as continuous insulation in high-performance wall systems.

	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
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 4 hr.ft².F/Btu RSI value / 25.4 mm @ 24°C 0.70 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
Thickness Dimensions	1.25" (31.8 mm), 1.5" (38.1 mm), 2" (50.8 mm), 2.5" (63.5 mm), 3" (76.2 mm) 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)	
Acoustical Performance		ASTM C423

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC
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

ICC ES™ 3773

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.

ROCKWOOL™

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