

CCEWOOL® Stone Wool Board 80



CCEWOOL® Stone Wool Board 80 is a high-performance rigid stone wool insulation board designed for exterior continuous insulation systems in both residential and commercial buildings. It offers exceptional thermal, fire-resistant, and acoustic performance. This product is fire-resistant and does not produce smoke or propagate flames, providing a critical line of defense that keeps occupants safe and

reduces property damage during a fire. It helps delay the spread of fire and offers valuable extra time for evacuation and firefighting efforts, minimizing damage.

CCEWOOL® Stone Wool Board 80 integrates thermal insulation, fire safety, and soundproofing into a comprehensive solution that ensures safe, comfortable, and energy-efficient buildings.

Characteristics:

Easy to Cut;

Non-Combustible;

Excellent Sound Absorption;

Good Vapor Permeability;

Durable and Corrosion-Resistant;

Low Moisture Absorption;

Chemically Inert;

Water-Repellent;

Eco-Friendly Manufacturing.



Applications:

Non-Structural Thermal Insulation;

Single- and Three-Coat Insulated Stucco Cladding;

Basement Continuous Insulation;

Exterior Perimeter Insulation around Foundation;

Under Flat Concrete Slab Insulation;

Residential Wood-Framed Cathedral Ceiling Insulation.

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CCEWOOL® Stone Wool Board 80	
Density	8 lb/ft³ (128 kg/m³)
Dimensions	1" to 5": 24" x 48" (610 mm x 1219 mm)
	1.5", 2.5": 48" x 72" (1219 mm x 1829 mm)
	1.25", 1.5", 2", 2.5", 3": 48" x 96" (1219 mm x 2438 mm)
Thickness	1" (25.4 mm)
	1.25" (31.8 mm)
	1.5" (38.1 mm)
	2" (50.8 mm)
	2.5" (63.5 mm)
	3" (76.2 mm)
	3.5" (88.9 mm)
	4" (101.6 mm)
Reaction to fire	Class A Non-Combustible
	Flame spread index = 0 ; Smoke developed index = 0
Thermal resistance	R-value / inch @ 75°F - 4.2 hr.ft².F/Btu
Acoustical Performance	ASTM C423: NRC = 0.9
Reaction to moisture	Moisture Sorption - 0.05%
Compressive strength	439 psf (21 kPa) @ 10% compression
	1065 psf (50 kPa) @ 25% compression
Corrosion Resistance	No corrosion

Product Range			
R-value	Thickness (inch)	Width (inch)	Length (inch)
4.2	1	24	48
5.25	1.25	24	48
5.25	1.25	48	96
6.3	1.5	24	48
6.3	1.5	48	72
6.3	1.5	48	96
8.4	2	24	48
8.4	2	48	96
10.5	2.5	24	48
10.5	2.5	48	72
10.5	2.5	48	96
12.6	3	24	48
12.6	3	48	96
14.7	3.5	24	48
16.8	4	24	48

