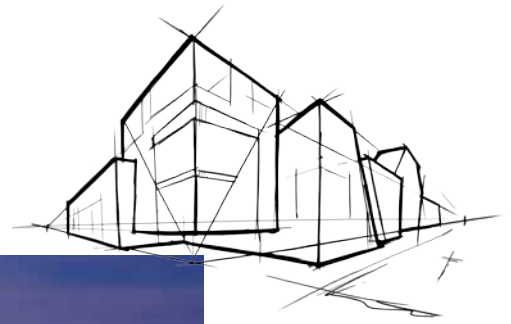


# CAVITYROCK®

Exterior Insulation for Cavity Wall  
and Rainscreen Applications



ROCKWOOL CAVITYROCK® products are semi-rigid stone wool insulation boards designed for exterior cavity wall and rainscreen applications, and are compatible with numerous cladding attachment systems.

CAVITYROCK® is non-combustible and fire resistant, and will not develop toxic smoke or promote flame spread, even when directly exposed to fire. Approved for use in many NFPA 285-compliant designs, it is an important component of fire-resilient exterior wall systems when used as a continuous insulation.

CAVITYROCK® also offers long-term thermal efficiency, moisture control and acoustic performance – improving the energy efficiency and comfort of buildings.

Choose mono-density insulation in thicknesses up to 2" or dual-density in thicknesses of 2.5" to 6".

Learn more at [rockwool.com](http://rockwool.com)

## Thermal Performance

The use of CAVITYROCK® as a continuous insulation helps you meet building code requirements.



# CAVITYROCK®

## Exterior Insulation for Cavity Wall and Rainscreen Applications

### Technical Data Sheet

Board Insulation 07210\* • Board Insulation 07 21 13\*\*  
Cavity Wall Unit Masonry 04 27 23\*\*

**ROCKWOOL CAVITYROCK® is a semi-rigid, mineral wool insulation board designed for exterior cavity wall and rainscreen applications.**

	Performance	Test Standard					
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant	ASTM C612					
	MEA Approval, New York City Approval	236 - 05 - M					
	For information on CAN/ULC S702 compliance, contact ROCKWOOL Technical Support						
Reaction to Fire	Flame spread index = 0; Smoke developed index = 0	ASTM E84 (UL 723)					
	Flame spread index = 0; Smoke developed index = 0	CAN/ULC S102					
	Determination of Non Combustibility of Building Materials - Non Combustible	CAN/ULC S114					
	Behaviour of materials at 750°C - Non Combustible	ASTM E136					
Density (thickness: 1", 1.5") Density (thickness: 2")	Monolithic Density of 5.3 lbs/ft <sup>3</sup> (85 kg/m <sup>3</sup> )	ASTM C303					
	Monolithic Density of 4.4 lbs/ft <sup>3</sup> (70 kg/m <sup>3</sup> )						
Density (thickness ≥ 2.5")	Dual Density - 6.2 lbs/ft <sup>3</sup> (100 kg/m <sup>3</sup> ) outer layer and 4.1 lbs/ft <sup>3</sup> (65 kg/m <sup>3</sup> ) inner layer	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                      4.3 hr.ft <sup>2</sup> .F/Btu RSI value / 25.4 mm @ 24°C                0.75 m <sup>2</sup> K/W	ASTM C518 (C177)					
Reaction to Moisture	Moisture Sorption - 0.03% by volume	ASTM C1104					
	Water Vapor Transmission, Desiccant Method - 1555ng/Pa.s.m <sup>2</sup> (27 perm)	ASTM E96					
	Determination of Fungi Resistance - Passed	ASTM C1338					
Thickness Dimensions	1" (25.4 mm) to 4" (101.6 mm) in 1/2" increments. 5" (127 mm) and 6" (152.4 mm) 24" x 48" (610 mm x 1219 mm) and 16" x 48" (406 mm x 1219 mm)						
Acoustical Performance	Thickness	125 Hz    250 Hz    500 Hz    1000 Hz    2000Hz    4000 Hz    NRC					
	1.5"	0.19    0.55    1.03    1.06    1.02    1.01    0.9					
	2"	0.26    0.71    1.14    1.09    1.04    1.03    1					
	3"	0.72    0.93    0.88    0.84    0.9    0.97    0.9					
Issued 01-01-18 Supersedes 08-23-17	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.						

