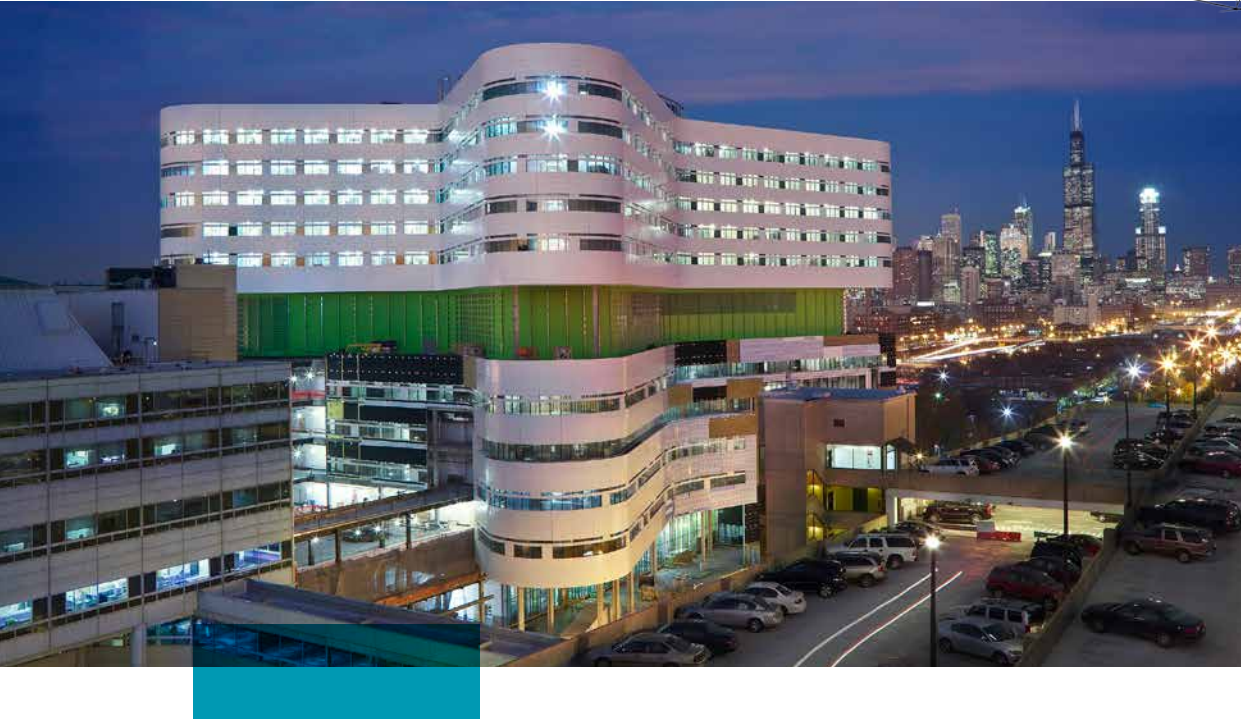
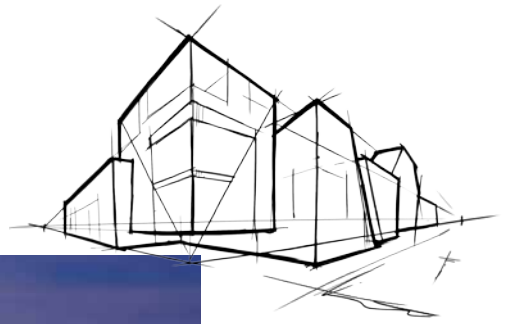


CAVITYROCK®

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

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/ft³ (85 kg/m³)								ASTM C303
	Monolithic Density of 4.4 lbs/ft³ (70 kg/m³)								
Density (thickness ≥ 2.5")	Dual Density - 6.2 lbs/ft³ (100 kg/m³) outer layer and 4.1 lbs/ft³ (65 kg/m³) 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 RSI value / 25.4 mm @ 24°C		4.3 hr.ft².F/Btu 0.75 m²K/W						ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption - 0.03% by volume								ASTM C1104
	Water Vapor Transmission, Desiccant Method - 1555ng/Pa.s.m² (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	ASTM C423
	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.							



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