

ROXUL ROCKBOARD® 80

PLEASE PROVIDE ROXUL CAVITYBOARD 80

Commercial Multi-Purpose Board

Product Description & Application

ROXUL ROCKBOARD® 80 is a rigid, multi-purpose mineral wool insulation board.

	Performance	Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant	ASTM C612
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 Hot Surface Performance - 1200°F	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM C411
Density	Actual Density - 8 lbs/ft³ (128 kgs/m³)	ASTM C303
Dimensional Stability	Linear Shrinkage - <1% @ 1200°F	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 4.0 hr.ft².F/Btu RSI value / 25.4mm @ 24°C 0.70 m²K/W	ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption - 0.05% Determination of Fungi Resistance - Passed	ASTM C1104 ASTM C1338
Compressive Strength	439psf (21kPa) @ 10% compression 1065psf (50kPa) @ 25% compression	ASTC C165
Thickness Dimensions	Product is available in 2" through 4" offerings (50.8mm - 101.6mm) 24"x48" (610mm x 1219mm)	
Acoustical Performance	Thickness	125 Hz 250 Hz 500 Hz 1000 Hz 2000Hz 4000 Hz NRC ASTM C423
	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

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NOTE: *Mast Format 1995 Edition **Master Format 2004 Edition. As ROXUL Inc has no control over installation design and workmanship, accessory materials or application conditions, ROXUL Inc. does not warranty the performance or results of any installation containing ROXUL Inc's products. ROXUL Inc'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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The Better Insulation™

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