

ROXUL ROCKBOARD® 60

Commercial Multi-Purpose Board

Product Description & Application

ROXUL ROCKBOARD® 60 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 development index = 0 Flame spread index = 0 ; Smoke development index = 0 Behaviour of materials at 750°C - Non Combustible Hot Surface Performance - 1200°F	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM C411																								
Density	Actual Density - 6 lbs/ft³ (96 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 4.3 hr.ft².F/Btu RSI value / 25.4mm @ 24°C 0.75 m²K/W	ASTM C518 (C177)																								
Reaction to Moisture	Moisture Sorption - 0.07% Determination of Fungi Resistance - Passed	ASTM C1104 ASTM C1338																								
Compressive Strength	355psf (17kPa) @ 10% compression 585psf (28kPa) @ 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	<table border="1"> <thead> <tr> <th>Thickness</th> <th>125 Hz</th> <th>250 Hz</th> <th>500 Hz</th> <th>1000 Hz</th> <th>2000Hz</th> <th>4000 Hz</th> <th>NRC</th> </tr> </thead> <tbody> <tr> <td>2"</td> <td>0.32</td> <td>0.81</td> <td>1.06</td> <td>1.02</td> <td>0.99</td> <td>1.04</td> <td>0.95</td> </tr> <tr> <td>3"</td> <td>0.78</td> <td>0.89</td> <td>1.04</td> <td>0.98</td> <td>1.01</td> <td>1.02</td> <td>1</td> </tr> </tbody> </table>	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC	2"	0.32	0.81	1.06	1.02	0.99	1.04	0.95	3"	0.78	0.89	1.04	0.98	1.01	1.02	1	ASTM C423
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