

Rockboard® 60

Multipurpose board insulation



ROCKWOOL Rockboard® 60 is a multi-purpose stone wool insulation board used in walls, ceilings and floors for acoustic and thermal applications.

Rockboard® 60 is noncombustible and fire resistant, and will not produce toxic smoke or promote flame spread, even when exposed directly to a fire.

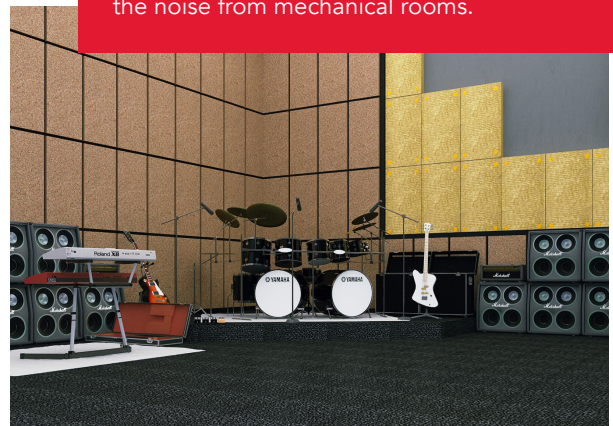
Rockboard® products also maintain dimensional integrity and, as a result, will not slump, shrink or expand with temperature.

Rockboard® products are available to meet a variety of application requirements. From mechanical rooms to sound studios to utility rooms, these products add a high-performance barrier to noise and fire.

Learn more at rockwool.com/rockboard

Superior acoustic properties

Excellent sound-dampening characteristics make Rockboard® products ideal for buffering the noise from mechanical rooms.



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Technical data sheet

Board Insulation 07210* • Board Insulation 07 21 13**
Acoustic Board Insulation 09 81 13**

ROCKWOOL Rockboard® 60 is a rigid, multi-purpose stone 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 Rating = 0; Smoke developed classification = 0 Determination of non combustibility of building materials - Non-combustible Hot surface performance - 1200 °F	ASTM E84 (UL 723) ¹ CAN/ULC S102 CAN/ULC S114 ASTM C411																																																		
Density	Actual density - 6 lbs/ft ³ (96 kg/m ³)	ASTM C303																																																		
Dimensional stability	Linear shrinkage - <1 % @ 1200 °F	ASTM C356																																																		
Corrosion resistance	Stress corrosion cracking tendency of austenitic stainless steel - Passed Corrosiveness to steel - Passed	ASTM C795 ASTM C665																																																		
Thermal resistance	R-Value / inch @ 75 °F 4.2 hr.ft ² .F/Btu RSI value / 25.4 mm @ 24 °C 0.74 m ² K/W	ASTM C518 (C177)																																																		
Reaction to moisture	Water vapor sorption - 1.5 vol% Determination of fungi resistance - Passed	ASTM C1104 ASTM C1338																																																		
Compressive resistance	217 psf (10 kPa) @ 10 % compression	ASTM C165																																																		
Thickness Dimensions	Product is available in 2" through 4" offerings (50.8 mm - 101.6 mm) 24" x 48" (610 mm x 1219 mm)																																																			
Acoustical performance	<table border="1"> <thead> <tr> <th rowspan="2">Thickness</th> <th rowspan="2">NRC</th> <th rowspan="2">SAA</th> <th colspan="6">Sound absorption coefficients</th> <th rowspan="4">ASTM C423</th> </tr> <tr> <th>125 Hz</th> <th>250 Hz</th> <th>500 Hz</th> <th>1000 Hz</th> <th>2000 Hz</th> <th>4000 Hz</th> </tr> </thead> <tbody> <tr> <td>2.0"</td> <td>1.00</td> <td>1.01</td> <td>0.28</td> <td>0.75</td> <td>1.11</td> <td>1.08</td> <td>1.05</td> <td>1.07</td> </tr> <tr> <td>3.0"</td> <td>1.00</td> <td>1.02</td> <td>0.85</td> <td>0.96</td> <td>1.05</td> <td>1.01</td> <td>1.04</td> <td>0.98</td> </tr> <tr> <td>4.0"</td> <td>1.00</td> <td>1.02</td> <td>0.88</td> <td>0.88</td> <td>1.05</td> <td>1.06</td> <td>1.06</td> <td>1.12</td> </tr> </tbody> </table>									Thickness	NRC	SAA	Sound absorption coefficients						ASTM C423	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	2.0"	1.00	1.01	0.28	0.75	1.11	1.08	1.05	1.07	3.0"	1.00	1.02	0.85	0.96	1.05	1.01	1.04	0.98	4.0"	1.00	1.02	0.88	0.88	1.05	1.06	1.06	1.12
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¹ Meets Class A requirements for flame spread and smoke-developed indices as per IBC.
* Master Format 1995 Edition ** Master Format 2004 Edition.

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