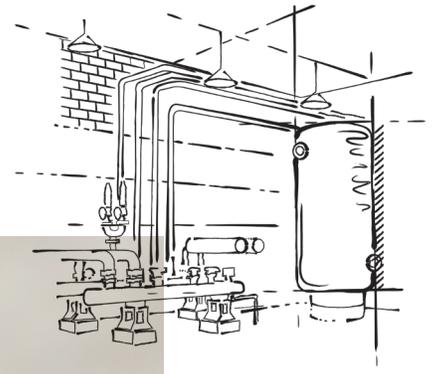


Rockboard® 40

Multipurpose Board Insulation



ROCKWOOL Rockboard® 40 is a multi-purpose stone wool insulation board used in walls, ceilings and floors for acoustic and thermal applications.

Rockboard® 40 is noncombustible and fire resistant, and will not produce toxic smoke or promote flame spread, even when exposed directly to a fire.

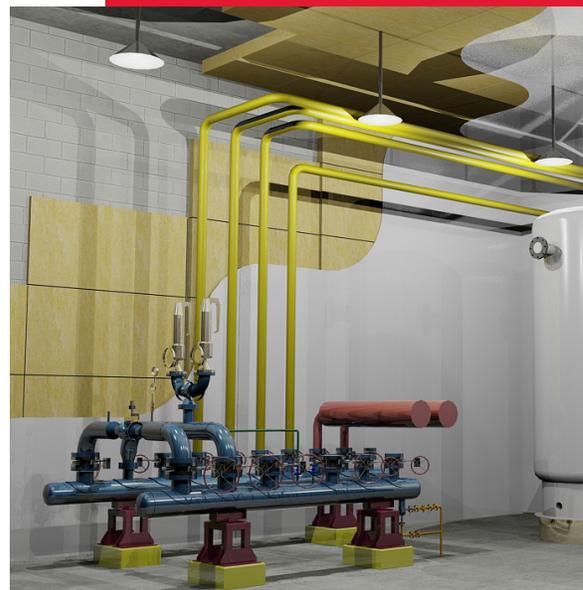
Rockboard® products also maintain dimensional integrity and, as a result, will not slump, shrink or expand with temperature.

Rockboard® products are available with a reinforced foil facing 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.



Rockboard® 40

Multipurpose Board Insulation

Technical Data Sheet

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

ROCKWOOL Rockboard® 40 is a semi-rigid, multi-purpose stone wool insulation board.

	Performance	Test Standard	
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVA 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 - 4 lbs/ft ³ (64 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 RSI value / 25.4 mm @ 24 °C	4.2 hr.ft ² .F/Btu 0.74 m ² K/W	ASTM C518 (C177)
Reaction to Moisture	Water Vapor Sorption - 0.03 wt%	ASTM C1104	
Compressive Resistance	90 psf (4.3 kPa) @ 10 % compression	ASTM C165	
Air Erosion	Maximum Air Velocity 1000 fpm (5.08 m/s)	UL 181	
Thickness Dimensions	Product is available in 1" through 5" offerings (25.4 mm - 127 mm) 24" x 48" (610 mm x 1219 mm)		

Acoustical Performance	Thickness (in.)	Frequency (Hz)								NRC	SAA	ASTM C423
		125	250	500	1000	2000	4000	8000	16000			
	1.0	0.09	0.23	0.68	0.94	1.06	1.04	0.75	0.72			
	1.5	0.15	0.49	1.01	1.09	1.06	1.03	0.90	0.91			
	2	0.25	0.69	1.14	1.12	1.05	1.13	1.00	1.01			
	3	0.63	1.01	1.24	1.10	1.07	1.16	1.10	1.12			
	4	0.93	1.10	1.16	1.11	1.08	1.18	1.10	1.14			
	5	1.09	1.25	1.24	1.13	1.11	1.09	1.20	1.19			



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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. NOTE 1: Meets Class A requirements for flame spread and smoke-developed indices as per IBC.



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