

Commercial Overview

Products

Roxul AFB®

Roxul CavityRock®

Roxul ConRock®

Roxul CurtainRock®

Roxul DrainBoard®

Roxul FireWall™

Roxul Plus® Metal Building

Roxul Plus® Steel Stud

Roxul RockBoard®

Roxul Safe®

LEED Credits Information

Technical Library

Warranty

Where to Buy Commercial

Roxul RockBoard®

The Roxul RockBoard® is a premium semi-rigid stone wool insulation board with low thermal conductivity.

Applications

This product is a multi-purpose board to be used in walls, ceilings, and floors.

RockBoard® comes in different densities for different applications:

	Actual Density	Typical applications
RockBoard™ 40	4 lb/ft3	Mechanical rooms, parking garage underdecking
RockBoard™ 60	6 lb/ft3	Metal roof requiring snow load
RockBoard™ 80	8 lb/ft3	Surfaces requiring wind load such as substrate for stucco walls

Properties

- Fire resistant, non-combustible product with a melting point of approximately 2150°F (1177°C)
- Water and moisture resistant, repels water
- Does not rot, promote mildew, fungi, or bacteria, or sustain vermin
- Unique directional fiber structure provides excellent sound control
- Provides superior compressive strength for job site durability
- Easy to install, cut, shape, and fabricate
- Fabrication at different densities maintains fire, water, and thermal properties
- Offered faced with reinforced foil
- Earns LEED® points - talk Roxul's LEED® Accredited Professional

Technical Data

Compliance and Performance:

ASTM C 612	Stone Fiber Block and Board Thermal Insulation	Type IVA, Complies
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Fire Performance:

ASTM E 136	Behavior of Materials at 750°C (1382°F)	Non-Combustible
CAN4 S114	Test for Non-Combustibility	Non-Combustible
ASTM E 84 (UL 723)	Surface Burning Characteristics	Flame Spread = 5 Smoke Developed = 5
CAN/ULC S102	Surface Burning Characteristics	Flames Spread = 5 Smoke Developed = 10

Maximum Service Temperature:

ASTM C 411	Hot Surface Performance	In Compliance with ASTM C612 @ 1200°F(650°C)
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Dimensional Stability:

ASTM C 356	Linear Shrinkage	0.35% @ 1200°F (650°C)
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Moisture Resistance:

ASTM C 1104	Moisture Sorption	0.3%
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Fungi Resistance:

ASTM C1338	Determination of Fungi Resistance	Passed
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Thermal Resistance:

Downloads

Sell Sheet/Product Brochure

PDF

Technical Data Sheet

40 PDF

60 PDF

80 PDF

Material Safety Data Sheet

Corrosive Resistance:ASTM C 518 (C 177)	R-value/inch @ 75°F	4.1 hr.ft ² .F/Btu
	RSI value/25.4 mm @ 24°C	0.72 m ² K/W
Corrosive Resistance:		
ASTM C 665	Corrosiveness to Steel	Pass
ASTM C 795 ****	Stainless Steel Stress Corrosion Specification as per Test Methods C871 and C692: U.S. Nuclear Regulatory Commission, Reg. Guide #1.36: U.S. Military Specifications MIL-I-24244 (all versions including B and C)	Conforms
Compressive Strength:		
	At 10%:	At 25%:
RockBoard™ 40	90 psf (4.3 kPa)	226 psf (10.8 kPa)
RockBoard™ 60	196 psf (9.4 kPa)	547 psf (26.2 kPa)
RockBoard™ 80	353 psf (16.9 kPa)	794 psf (38 kPa)
Density:		
ASTM C 612-00 - Actual	4 ,6 ,8 lbs/ft ³	64, 96, 128 kg/m ³
Dimensions:		
24" (width) x 48" (length) [610 mm (width) x 1219 mm (length)]		
36" (width) x 48" (length) [914 mm (width) x 1219 mm (length)]		
Thickness:		
Product thickness is available in 1" to 4" in 1/2" increments.		

For complete technical data, please consult our [Technical Library](#).