



General Product Information:

ROXUL® products are mineral wool fibre insulations made from basalt rock and slag. This combination results in a non-combustible product with a melting point of approximately 2150°F (1177°C), which gives it excellent fire resistance properties. ROXUL mineral wool is a water repellent yet vapour permeable material.

Description & Common Applications:

ROXUL ConRock® is a board insulation product designed specifically for application in sandwich panel systems where excellent thermal and fire resistance properties are required. This rigid board has excellent acoustical dampening properties and is dimensionally stable which makes it ideal for installation in panel applications. The product does not encourage the growth of fungi, molds or bacteria.

Compliance and Performance:

ASTM E 84 (UL723)	Surface Burning Characteristics	Flame Spread = 0 Smoke Developed = 5
ASTM E 136 CAN4 S114	Behavior of Materials at 750°C (1382°F) Test for Non-Combustibility	Non-Combustible Non-Combustible

Moisture Resistance:

ASTM C 1104	Moisture Sorption	0.05%
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Dimensional Stability:

ASTM C 356	Linear Shrinkage	0.19%
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Thermal Resistance:

ASTM C 518 (C 177)	R-value/inch @ 75°F RSI value/25.4 mm @ 24°C	4.0 hr.ft².F/Btu 0.71 m²K/W
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Corrosion Resistance:

ASTM C 665 ASTM C 795 ****	Corrosiveness Stainless Steel Stress Corrosion Specification as per Test Methods C871 and C692: U.S. Nuclear Regulatory Commision, Reg. Guide #1.36: U.S. Military Specifications MIL-I-24244 (all versions including B and C)	Passed Conforms
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Acoustical Performance

Thickness	ASTM C423 CO-EFFICIENTS AT FREQUENCIES						NRC
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
1.0"	0.13	0.49	0.85	0.89	0.89	0.97	0.80
2.0"	0.50	0.71	0.85	0.90	0.96	1.01	0.85

*MASTER FORMAT 1995 EDITION **MASTER FORMAT 2004 EDITION
*** at the time of manufacturing



Density:

9 lbs/ft³ 144 kg/m³

Compressive Strength

ASTM C 165 at 10% 4" Board: 6.64 psi (45.8 kPa)

Dimensions:

For details on sizing, please contact our customer service representatives

Key Application Qualifiers:

- Dimensionally (thermally) stable
- High impact resistance
- Low moisture sorption
- Fire resistant
- Excellent sound properties
- Excellent thermal resistance
- Does not off gas
- Non-corrosive
- Chemically inert
- Cost effective
- CFC and HCFC free product and process
- Made from natural & recycled materials

Other ROXUL Products:

Please consult ROXUL for all your insulation needs. We have an extensive range of products for all applications from pipe insulation to commercial products to residential batts. ROXUL invites all inquiries and will act promptly to service all of your requirements.

**** "Provisions for lot testing may be required, consult manufacturer."

Note:

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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Revised: March 10, 2009
Supersedes: April 1, 2008