

General Product Information:

ROXUL® products are mineral wool fiber 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 cant strips are a rigid mineral wool cant, coated with a bitumen and lightly sanded surface. They are intended for commercial and industrial roof insulation applications. Cant strips provide 45 degree transition from a horizontal to a vertical surface in modified bitumen or built-up roof membrane systems.

Compliance and Performance:

ASTM C 726 Standard Specification for Mineral Fiber Roof Insulation Boards Complies

Fire Performance:

CAN4 S114	Test for Non-Combustibility	Non-Combustible
ASTM E 84 (UL723)	Surface Burning Characteristics	Flame Spread = 0 Smoke Developed = 0
CAN/ULC S102	Surface Burning Characteristics	Flame Spread = 0 Smoke Developed ≤ 15

Moisture Resistance:

ASTM C 209	Water Absorption	<1.0%
ASTM E 96	Water Vapor Transmission, Desiccant Method	>1716 ng/Pa.s.m ² (>30 Perm)

Thermal Resistance:

ASTM C 518 (C 177)	R-value/inch @ 75°F	3.5 hr.ft ² .F/Btu
	RSI value/25.4 mm @ 24°C	0.62 m ² K/W

Corrosion Resistance:

ASTM C 665	Corrosiveness	Passed
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)	Complies

Compressive Strength:

ASTM C 165 at 10% 12.1 psi (84 kPa)

Density:

ASTM C 612-09 – Actual 11.0 lbs/ft³ 176 kg/m³

Dimensions:

4" (width) x 48" (length) x 1.5" (thickness)
101 mm (width) x 1220 mm (length) x 38 mm (thickness)
For additional sizes, please contact Customer Service.

Limitations:

This product should not be exposed to inclement weather during shipment, storage or installation. At the completion of a day's work, all exposed edges should be temporarily sealed by lapping roof membrane over them. The products are not intended for use as a structural roof deck or for use under heavy traffic areas.

Key Application Qualifiers:

- Will not promote blistering
- Does not off gas
- High impact resistance
- Dimensionally stable
- Low moisture sorption
- Non-corrosive
- Fire resistant
- Made from natural & recycled materials

On-Site Storage:

The factory packaging is intended for the protection of the insulation boards during transit and is not intended for job site protection against the elements. When product is stored outdoors, the plastic shroud must be slit and the insulation protected by a waterproof, breathable covering such as a tarpaulin. Insulation must be stored minimum 4 in. (102mm) above ground and kept on a solid flat surface.

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

*MASTER FORMAT 1995 EDITION **MASTER FORMAT 2004 EDITION

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.