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:
The RW® 40 product is a flexible industrial blanket mineral wool insulation that is lightweight, water repellent, fire resistant and sound absorbent. RW 40 is suitable for use in many O.E.M. industries, petro-chemical, power generating plants, boilers, furnaces, towers, ovens and drying equipment. The product is non-combustible and can be specified with confidence where fire performance is of concern.

Compliance and Performance:

**ASTM C 553**
Mineral Fiber Blanket Thermal Insulation Type VII, Complies 335-97-M

**MEA Approval**
New York City Approval

Fire Performance:

**ASTM E 136**
Behaviour 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 = 0
Smoke Developed = 0

**CAN/ULC S102**
Surface Burning Characteristics
Flame Spread = 0
Smoke Developed = 0

Maximum Service Temperature:

**ASTM C 411**
Hot Surface Performance
In Compliance with ASTM C553 @ 1200°F (650°C)

Dimensional Stability:

**ASTM C 356**
Linear Shrinkage
1.49% @ 1200°F (650°C)

Moisture Resistance:

**ASTM C 518 (C 177)**
R-value/inch @ 75°F
4.0 hr.ft².F/Btu

**RSI value/25.4 mm @ 24°C**
0.71 m²K/W

Corrosion Resistance:

**ASTM C 665**
Corrosiveness to Steel
Passed

**ASTM C 795 ***
Conforms

*MASTER FORMAT 1995 EDITION **MASTER FORMAT 2004 EDITION*
Thermal Conductivity (k):

Acoustical Performance:

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<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
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Density:

ASTM C 612-93 – Nominal - 4.0 lbs/ft³ 64 kg/m³
ASTM C 553 – Actual - 3.5 lbs/ft³ 56 kg/m³

Maximum Service Temperature:

650°C (1200°F) ASTM C 411

Dimensions:

24” (width) x 48” (length)
610 mm (width) x 1219 mm (length)

Thickness:

2” through 5” in 1” increments

For additional sizes, please contact our customer service representatives.

Key Application Qualifiers:

- Flexibility
- Non-combustibility
- Low moisture sorption
- Fire resistant
- Excellent thermal resistance
- Does not rot or sustain vermin
- Does not promote growth of fungi or mildew
- 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.