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:

CAVITYROCK® DD is a non-combustible, lightweight and water repellent, rigid insulation board with a rigid upper surface for durability and enhanced strength, intended for use in cavity wall applications. Specifically engineered for this application, CAVITYROCK DD’s low moisture sorption enables it to maintain R-value and its mineral fibre structure allows for effective drainage of water which penetrates the exterior wall. In addition, because CAVITYROCK DD is a non-combustible insulation, installation of a fire stop is not required. The product is compatible with most air/vapour barrier systems, adhesives and wall ties.

Compliance and Performance:

**CAN/ULC-S702** Mineral Fibre Thermal Insulation for Buildings Type 1, Complies
**ASTM C 612** Mineral Fibre Block and Board Thermal Insulation Type IVB, Complies

Fire Performance:

**ASTM E 136** Behaviour of Materials at 750°C (1382°F) Non-Combustible
**CAN/ULC-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

Water Vapour Permeance:

**ASTM E 96** Water Vapour Transmission, Desiccant Method 1555 ng/Pa.s.m² (27 perm)

Moisture Resistance:

**ASTM C 1104** Moisture Sorption 0.07 %

Thermal Resistance:

**ASTM C 518 (C 177)** R-value/inch @ 75°F
R-value/25.4 mm @ 24°C
4.3 hr.ft².F/Btu
0.76 m²K/W

Fungi Resistance:

**ASTM C 1338** Mold Growth Zero Growth

Corrosive Resistance:

**ASTM C 665** Corrosiveness to Steel Pass

*MASTER FORMAT 1995 EDITION **MASTER FORMAT 2004 EDITION
*** “Provisions for lot testing may be required, consult manufacturer.”
Acoustical Performance

<table>
<thead>
<tr>
<th>Thickness</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0”</td>
<td>0.72</td>
<td>0.93</td>
<td>0.88</td>
<td>0.84</td>
<td>0.90</td>
<td>0.97</td>
<td>0.90</td>
</tr>
</tbody>
</table>

Density:
ASTM C 612-00 – Actual
Outer Layer       6.2 lb/ft³  100 kg/m³
Inner Layer       4.1 lb/ft³  65 kg/m³

Dimensions:
16” (width) x 48” (length)
406 mm (width) x 1219 mm (length)

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

Thickness:
Product thickness is available in 2.5” through 4” in 1/2” increments as well as 5” and 6” offerings.

For additional sizes, please contact ROXUL by phone at 1-800-265-6878.

Key Application Qualifiers:
• Non-combustible
• Low moisture sorption
• Non-corrosive
• Chemically inert
• 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.

Note:
As ROXUL Inc. has no control over installation design and workmanship, accessory materials or application conditions, ROXUL Inc. does not warrant 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.