

# CURTAINROCK®

## Curtain Wall Insulation



ROCKWOOL CURTAINROCK® is a lightweight, semi-rigid stone wool insulation board designed specifically for use in curtain wall systems, and is best suited for backpan or mechanical fastening applications.

CURTAINROCK® is non-combustible and fire resistant, and will not develop toxic smoke or promote flame spread, even when exposed directly to a fire.

ROCKWOOL insulation has excellent acoustic properties and because the products are dimensionally stable, they maintain thermal performance over their lifetime, even in rising and falling temperatures. This contributes to the optimal performance of a building envelope.

ROCKWOOL offers a variety of curtain wall specifications. Products are also available with or without reinforced foil facing (RFF).

**Learn more at [rockwool.com](https://rockwool.com)**

### A better fit

CURTAINROCK® is easy to fabricate, cut and install, ensuring an optimal fit.



**ROCKWOOL CURTAINROCK® is a semi-rigid, mineral wool insulation board designed for backpan systems in curtain wall applications.**

|                        | Performance                                                                                                                                                                                                                                                                | Test Standard                                                               |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Compliance             | Mineral Fiber Block and Board Thermal Insulation - Type IVA Compliant                                                                                                                                                                                                      | ASTM C612                                                                   |
| Reaction to Fire       | Flame spread index = 0; Smoke developed index = 0<br>Flame spread index = 0; Smoke developed index = 0<br>Determination of Non Combustibility of Building Materials - Non Combustible<br>Test for Non-Combustibility - Non Combustible<br>Hot Surface Performance - 1200°F | ASTM E84 (UL 723)<br>CAN/ULC S102<br>CAN/ULC S114<br>ASTM E136<br>ASTM C411 |
| Density                | Actual Density - 3.5 lbs/ft³ (56 kg/m³)                                                                                                                                                                                                                                    | ASTM C303                                                                   |
| Dimensional Stability  | Linear Shrinkage - < 2 % @ 1200°F                                                                                                                                                                                                                                          | ASTM C356                                                                   |
| Corrosion Resistance   | Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed<br>Corrosion of Steel - Passed                                                                                                                                                                   | ASTM C795<br>ASTM C665                                                      |
| Thermal Resistance     | R-Value / inch @ 75°F      4.2 hr.ft².F/Btu<br>RSI value / 25.4 mm @ 24°C      0.74 m²K/W                                                                                                                                                                                  | ASTM C518 (C177)                                                            |
| Reaction to Moisture   | Moisture Sorption - 0.01%<br>Water Vapor Transmission, Desiccant Method - 1805ng/Pa.s.m² (32 perm)<br>Determination of Fungi Resistance - Passed                                                                                                                           | ASTM C1104<br>ASTM E96<br>ASTM C1338                                        |
| Thickness Dimensions   | Product is available in 1" through 5" offerings (25.4 mm - 127 mm)<br>24" x 48" (610 mm x 1219 mm)                                                                                                                                                                         |                                                                             |
| Acoustical Performance | Thickness    125 Hz    250 Hz    500 Hz    1000 Hz    2000Hz    4000 Hz    NRC                                                                                                                                                                                             | ASTM C423                                                                   |
|                        | 2"            0.26       0.68       1.12       1.1           1.03       1.04       1                                                                                                                                                                                       |                                                                             |
|                        | 3"            0.63       0.95       1.14       1.01           1.03       1.04       1.05                                                                                                                                                                                   |                                                                             |
|                        | 4"            1.03       1.07       1.12       1.04           1.07       1.08       1.1                                                                                                                                                                                    |                                                                             |

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