

ROXUL

CurtainRock[®]

Insulation for Curtain Wall Systems



- Energy-saving performance
- Fire-resistant
- Water-repellent
- Green features for sustainable development

ROXUL[®]
The Better Insulation[™]



Board insulation for the ultimate protection and comfort

Roxul's CurtainRock® is a lightweight, semi-rigid stone fiber insulation board designed specifically for curtain wall system applications. This stone fiber based* insulation is made from natural stone and recycled content, making it a green product with excellent fire and water properties, plus superior thermal performance. It's an advanced curtain wall insulation that delivers occupant comfort and safety, plus the incomparable energy savings that today's green builders are looking for in commercial and industrial construction.

ENERGY-SAVING PERFORMANCE

CurtainRock® has higher R-values –up to 25 – for top-thermal performances that cut energy costs and increase the energy efficiency of buildings. Its higher density provides superior sag resistance and fit too. Once installed, CurtainRock® holds its shape without sagging to provide a thermal performance that lasts.

FIRE RESISTANT

Roxul CurtainRock's combination of stone fiber and recycled content makes this insulation non-combustible and fire resistant. This product does not develop smoke or promote flame spread when exposed to flame, making CurtainRock® a critical line of defense in fire protection. CurtainRock40 and CurtainRock80 take fire protection one step further. When used with Roxul Safe, CurtainRock40 and CurtainRock80 become comprehensive fire-stopping systems specifically designed for fire-rated perimeter systems.

WATER RESISTANT

Roxul CurtainRock® does not absorb water or hold moisture. Its stone fiber composition is ideal for repelling and draining water away from the curtain wall. Plus, its R-value always remains the same even if wet. CurtainRock® does not rot, corrode, or promote fungi or bacteria growth.

EASY FABRICATION

Roxul CurtainRock® products can be faced with reinforced foil facings. Please note that the facing will influence the product's service temperature range. This product approved for use as a component of UL-approved systems.

FLEXIBLE PRODUCT APPLICATIONS

CurtainRock® is available in three product variations. CurtainRock® is ideally suited for backpan or mechanical fastening applications, while CurtainRock40 and CurtainRock80 are specifically designed for fire-rated perimeter systems.

DIMENSIONS AVAILABLE:

CurtainRock:

24" x 48" & 24" x 60"	1.5" thickness to 6" thickness (available in ½" increments)
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CurtainRock40:

24" x 48"; 36" x 48"; 36" x 60"; & 72" x 48"	1.5" thickness to 4" thickness (available in ½" increments)
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CurtainRock80:

24" x 48"; 36" x 48"; 36" x 60"; & 72" x 48"	1.5" thickness to 4" thickness (available in ½" increments)
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ECO-FRIENDLY FEATURES

CurtainRock® is an innovative insulation offering a world of green features that help developers earn LEED® (Leadership in Energy and Environmental Design) points across six construction categories. CurtainRock's greenest features include:

- Natural, inorganic material with recycled content
- Non-combustible without dangerous chemicals
- Excellent sound absorption for acoustical comfort
- Higher R-values for consistent thermal performance
- Chemically inert for minimizing indoor air quality pollutants
- Resistance to growth of mold, fungi, and bacteria
- CFC and HCFC free product and process

Learn more about earning LEED® credits with CurtainRock® by speaking to Roxul's LEED® consultant.

*Roxul's CurtainRock® is classified as mineral wool. However, the unique formulation of Roxul insulation delivers benefits that set it apart from traditional mineral wools. These benefits are only available in stone fiber based products.



Fire
Resistant



Sound
Absorbent



Saves
Energy



Water
Repellent



Made
from Stone



Fire-resistant

CurtainRock® is non-combustible, resisting fire and delaying fire spread for added margins of safety.



Water-repellent

The stone fiber structure repels water and aids in draining, which protects interior walls and studs.



Semi-rigid, sag-free material

CurtainRock® higher density keeps the product in place, which is critical for optimum fire protection and sound control.



Roxul CurtainRock Insulation takes over the facade of this urban commercial office building.

R-values for insulating power:

	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.5"	6"
CurtainRock	8.4	10.5	12.6	14.7	16.8	18.9	21	23.1	25.2
CurtainRock 40	8.4	10.5	12.6	14.7	16.8	-	-	-	-
CurtainRock 80	8.4	10.5	12.6	14.7	16.8	-	-	-	-



Custom manufactured curtainwall panels are easily fabricated due to Roxul CurtainRock's flexible, semi-rigid composition.



A Global Leader. A World of Difference.

Roxul Inc. is part of Rockwool International, the world's largest producer of stone fiber insulation with 25 facilities in 15 countries. Our insulation products are proven performers, delivering a world of advantages such as fire and water resistance, and sound absorbency, along with several green features for today's environmentally conscious builders.

Roxul Inc. is North America's leading manufacturer of stone fiber insulation products for the North American market. From our head office in Milton, Ontario we operate two manufacturing facilities, one in Milton and the other in Grand Forks, British Columbia. Producing insulation for residential, commercial, and industrial applications, all of our stone fiber products are made from a combination of natural basalt rock and recycled slag, which makes them very eco-friendly and green.



Basalt Rock

Recycled Slag

Proudly, Roxul has been green from the very beginning. We demonstrate our environmental commitment through our products and in the way we produce them. For example, the water from our production process is collected and reused, which reduces our manufacturing water consumption by more than 50%. Plus, our advanced recycling facility directs our waste back into our manufacturing process with uncompromised product quality and efficiency. It is important to us to constantly strive in reducing our overall consumption of raw materials and conserving energy in producing our products. That's why when it's time to choose insulation; you can rest assured that choosing Roxul is a good decision now and for the future.

WARRANTY

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. products. Roxul Inc.'s overall liability and the remedies available are limited by the general terms and conditions of sale.

The limited warranty in the terms and conditions is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

NOTES:

www.roxul.com

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