

ROXUL[®] **CavityRock**[®]

A Superior Wall Cavity Insulation



- Water and moisture resistant
- Tight, flush fit
- Flexible, semi-rigid construction
- Fire resistant

ROXUL[®]
The Better Insulation™

FIRE STOPPING REQUIREMENTS

The flame spread rating of an insulation is extremely important in the design of cavity walls when fire stopping is required by the building code*. Some building codes require fire stopping within the cavity. In many cases, this requirement is met when CavityRock® is the designed insulation.

*Check local building codes for requirements.

MOISTURE RESISTANCE REQUIREMENTS

Moisture seeps into the cavity wall from both the exterior and the interior. When rain penetrates the exterior wall through microscopic cracks, it collects in the cavity. Condensation also occurs as warm air from inside escapes into the cavity.

Therefore, cavity wall insulation must not only repel rain water so it drains efficiently, its construction must also resist condensation to prevent moisture absorption to ensure R-value is maintained. CavityRock has superior water and moisture resistant properties.

AIR SPACE REQUIREMENTS

Some building codes require an air space within the cavity. In many cases, this requirement is met when CavityRock is the designed insulation due to its ability to drain around any mortar bridging.

“Hydrophobic semi-rigid fibrous insulation such as CavityRock® can provide similar levels of insulation in the same or less cavity width as plastic foam spray-applied and rigid board insulation. However, CavityRock® will also provide an assured drainage layer, something none of the presently available foam products can deliver. The provision of a bituminous air barrier behind the CavityRock® will not only provide a tried and tested means of controlling air flow through the envelope, it also adds yet another layer of protection against moisture intrusion from the exterior; foam plastic insulations with no additional air barrier do not provide this extra measure of security.”

Source – University of Waterloo Research Study by Dr. John F. Straube

All Roxul products qualify for LEED® points contribution under the LEED® formula.

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.

CAVITYROCK R-VALUES

THICKNESS	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"
R-VALUE	6.3	8.4	10.5	12.6	14.7	16.8	18.9	21.0

DIMENSION AVAILABILITY

WIDTH	16" or 24"
LENGTH	48"

Water and moisture resistant

Roxul CavityRock is a hydrophobically-treated mineral wool insulation so it will not absorb or hold water, making it the perfect capillary break.

Flexible, semi-rigid material

Flexible and easy to work with, CavityRock bends on rounded or curved surfaces without breaking and conforms to irregularities and roughness on surfaces without cracking or leaving air pockets. It goes up faster and produces a better finish with less waste.

Tight, flush fit

All butt joints are flush and tight leaving no room for water to accumulate. Wall movement can be accommodated with no compromise to the fit. The finished surface is a tight, water-repellant insulating surface.

Fire resistant

CavityRock is made from mineral wool, making it fire resistant so there is an added margin of safety.



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