

Curtainrock® 80

Exterior Wall Insulation: Curtain Walls



ROCKWOOL Curtainrock® 80 is a lightweight, semi-rigid stone wool insulation board designed to provide enhanced fire protection in curtain wall and perimeter fire containment systems. These products are non-combustible and fire resistant and will not develop smoke or promote flame spread when exposed to fire.

When Curtainrock® 80 is used with ROCKWOOL ROXUL Safe®, they provide a comprehensive fire-stopping system that has been UL/ULC/Intertek tested and approved for perimeter fire containment systems.

ROCKWOOL insulation has excellent acoustic properties and is dimensionally stable – maintaining thermal performance over their lifetime, even in rising and falling temperatures. This contributes to the optimal performance of a building envelope.

Curtainrock® products are available with or without reinforced foil facing (RFF).

Learn more at rockwool.com/curtainrock

Fire Resistance

Together Curtainrock® and ROXUL Safe® are UL/ULC/Intertek approved for perimeter fire containment systems.



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Technical Data Sheet

Board Insulation 07210* • Board Insulation 07 21 13**
Curtain wall & glazed assemblies 08 44 00**

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	Performance	Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant Mineral Fiber Thermal Insulation for Buildings - Type 1 Compliant MEA Approval, New York City Approval	ASTM C612 CAN/ULC S702 331-97-M
Reaction to Fire	Flame Spread Index = 0; Smoke Developed Index = 0 Flame Spread Rating = 0; Smoke Developed Classification = 0 Test for Non-Combustibility - Noncombustible Determination of Non Combustibility of Building Materials - Non-combustible Perimeter Fire Barrier Systems - Contact ROCKWOOL Technical Services	ASTM E84 (UL 723) CAN/ULC S102 ASTM E136 CAN/ULC S114 ASTM E2307
Density	Nominal Density - 8.0 lbs/ft ³ (128 kg/m ³)	ASTM C303
Dimensional Stability	Linear Shrinkage - < 1 % @ 1200°F	ASTM C356
Corrosion Resistance	Corrosiveness to Steel - Passed	ASTM C665
Thermal Resistance	R-Value / inch @ 75°F 4.3 hr.ft ² .F/Btu RSI value / 25.4 mm @ 24°C 0.75 m ² K/W	ASTM C518 (C177)
Reaction to Moisture	Water Vapor Sorption - 0.16 vol% Determination of Fungi Resistance - Passed	ASTM C1104 ASTM C1338
Thickness Dimensions Facing	Product is available in 1" through 6" (25.4 mm - 152.4 mm) 24" x 48" (610 mm x 1219 mm) and 48" x 72" (1219 mm x 1829 mm) Product is available with a reinforced foil facer	



Declare.

For more information regarding the certifications and listings of our stone wool insulation products, please visit:

rockwool.com/north-america/about-us/sustainability/certifications-and-listings/

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NOTE: *Master Format 1995 Edition **Master Format 2004 Edition. As ROCKWOOL has no control over installation design and workmanship, accessory materials or application conditions, ROCKWOOL does not warranty the performance or results of any installation containing ROCKWOOL's products. ROCKWOOL'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. Sustainability certifications may vary by product and region. Note 1: Meets Class A requirements for flame spread and smoke-developed indices as per IBC.



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