

# Curtainrock® 80

Exterior wall insulation: Curtain walls



ROCKWOOL Curtainrock® 80 is a stone wool insulation board designed for use as the insulation for curtain wall spandrels and mullion covers. Along with ROXUL Safe®, it serves as a primary insulation component within a range of ASTM E2307 tested and approved perimeter fire containment systems.

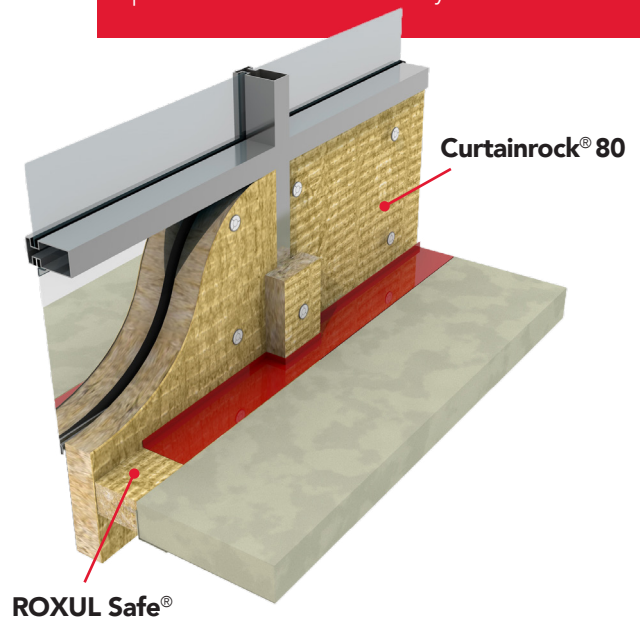
Available unfaced or with a reinforced foil facing, Curtainrock® 80 is noncombustible and fire resistant, and will not develop smoke or promote flame spread when exposed to fire.

Curtainrock® 80 offers superior thermal and acoustic performance, along with moisture resistance and noncorrosive properties, and is resistant to mold and mildew growth.

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

## Fire resistance

Together Curtainrock® 80 and ROXUL Safe® are UL/ULC/Intertek approved in numerous 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\*\*

**ROCKWOOL Curtainrock® 80 is a rigid stone wool insulation board designed to provide enhanced fire protection and long-term thermal resistance in perimeter fire containment systems.**

	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 Combustibility of materials at 750 °C - Noncombustible Determination of non-combustibility of building materials - Non-combustible Perimeter fire barrier systems	ASTM E84 (UL 723) <sup>1</sup> CAN/ULC S102 ASTM E136 CAN/ULC S114 ASTM E2307
Density	Nominal density - 8.0 lbs/ft <sup>3</sup> (128 kg/m <sup>3</sup> )	ASTM C303
Dimensional stability	Linear shrinkage - < 1 % @ 1200 °F (649 °C)	ASTM C356
Corrosion resistance	Corrosiveness to steel - Passed	ASTM C1617
Thermal resistance	R-Value / inch @ 75 °F                      4.2 hr.ft <sup>2</sup> .F/Btu RSI value / 25.4 mm @ 24 °C                0.74 m <sup>2</sup> K/W	ASTM C518 (C177)
Reaction to moisture	Water vapor sorption - 0.29 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), 36" x 60" (914 mm x 1524 mm), 48" x 60" (1219 mm x 1524 mm), 48" x 72" (1219 mm x 1829 mm) and 60" x 72" (1524 mm x 1829 mm). Available dimensions will vary by thickness. 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/](https://rockwool.com/north-america/about-us/sustainability/certifications-and-listings/)

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<sup>1</sup> Meets Class A requirements for flame spread and smoke-developed indices as per IBC.  
\* Master Format 1995 Edition \*\* Master Format 2004 Edition.

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