

ROXUL CURTAINROCK® 80

Insulation for Curtain Wall Systems

Product Description & Application

ROXUL CURTAINROCK® 80 is a rigid, mineral wool insulation board designed for fire rated curtain wall applications.

	Performance	Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant MEA Approval, New York City Approval	ASTM C612 332-97-M
Reaction to Fire	Flame spread index = 0 ; Smoke developed index = 0 Flame spread index = 0 ; Smoke developed index = 0 Determination of Non Combustibility of Building Materials - Non Combustible Test for Non-Combustibility - Non Combustible Hot Surface Performance - 1200°F Perimeter Fire Barrier Systems - Consult UL Directory	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136 ASTM C411 ASTM E2307/E119
Density	Nominal Density - 8.0 lbs/ft ³ (128 kgs/m ³)	ASTM C303
Dimensional Stability	Linear Shrinkage - < 1 % @ 1200°F	ASTM C356
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed Corrosion of Steel - Passed	ASTM C795 ASTM C665
Thermal Resistance	R-Value / inch @ 75°F 4.2 hr.ft ² .F/Btu RSI value / 25.4mm @ 24°C 0.74 m ² K/W	ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption - 0.04% Determination of Fungi Resistance - Passed	ASTM C1104 ASTM C1338
Thickness Dimensions Facing	Product is available in 1" through 5" offerings (25.4mm - 127mm) 24"x48" (610mm x 1219mm) and 48"x72" (1219mm x 1829mm) Product is available with a reinforced foil facer	



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