

Curtainboard™ 40

Physical Properties Data Sheet

PowerWool™ Curtainboard™ 40 is a semi-rigid, exterior mineral wool insulation material for increased fire protection in curtain wall systems.



Approved for use in
Canada and the USA

CHARACTERISTIC	RESULT	TEST STANDARD	
Compliance	Mineral Fiber Block and Board Thermal Insulation - Compliant Mineral Fiber Thermal Insulation for Buildings - Compliant	ASTM C612 CAN/ULC S702.1	
Reaction to Fire	Flame spread index = 0; Smoke developed index = 0 Flame spread index = 0; Smoke developed index = 0 Determination of Non Combustability of Building Materials - Non Combustible Behaviour of materials at 750°C - Non Combustible	ASTM E84 (UL 723*, NFPA 255*) CAN/ULC S102 CAN/ULC S114 ASTM E136	
Density	4 lbs/ft³ (64 kg/m³) - Actual Density	ASTM C303	
Dimensional Stability	Linear Shrinkage = Pass @1200°F (650°C)	ASTM C356	
Corrosion Resistance	Corrosion of Steel - Passed	ASTM C665	
Thermal Resistance	R-Value / inch @ 75°F RSI value / 25.4 mm @ 24°C	4.2 hr.ft².F/Btu 0.74 m²K/W	ASTM C518
Reaction to Moisture	Moisture Sorption - Pass Water Vapor Transmission, Desiccant Method - 1670ng/Pa.s.m² (29 perm) Determination of Fungi Resistance - Passed	ASTM C1104 ASTM E96 ASTM C1338	
Dimensions	1" (25.4 mm) to 8" (203.2 mm) in ½" increments 16" x 48" (406 mm x 1219 mm) 24" x 48" (610 mm x 1219 mm) 36" x 48" (914 mm x 1219 mm)		

*Tested per ASTM E84, which is functionally equivalent to UL 723 and NFPA 255.

EVALUATED TO:	
CAN/ULC S702.1 Type 1 Compliant	ASTM C612 Type IVB Compliant
CAN/ULC S102 FSI: 0 SDI: 0	ASTM E84 (UL 723)* FSI: 0 SDI: 0
CAN/ULC S114 Classified Non-Combustible	ASTM E136 Classified Non-Combustible
	ASTM C1338 Does not support fungi growth.



FILE: B1124



For exterior use only.
Not for interior use.

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