

Curtainboard™

Physical Properties Data Sheet

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



Approved for use
in Canada

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	3.5 lbs/ft ³ (56 kg/m ³) - 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 hr.ft ² .F/Btu 0.70 m ² K/W	ASTM C518
Reaction to Moisture	Moisture Sorption - Pass Water Vapor Transmission, Desiccant Method - 1670ng/Pa.s.m ² (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	Type 1 Compliant	ASTM C612	Type IVA Compliant
CAN/ULC S102	FSI: 0 SDI: 0	ASTM E84	FSI: 0 SDI: 0
CAN/ULC S114	Classified Non-Combustible	ASTM E136	Classified Non-Combustible
ASTM C1338	Does not support fungi growth.		



For exterior use only.
Not for interior use.

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