

PowerWoolTM

CURTAINBOARDTM 40

Physical Properties Data Sheet

PowerWoolTM CurtainBoardTM 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	
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 Behaviour of materials at 750°C - Non Combustible	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136	
Density	4.5 lbs/ft ³ (72 kg/m ³) - Actual	ASTM C303	
Dimensional Stability	Linear Shrinkage = Pass @1200°F (650°C)	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 RSI value / 25.4 mm @ 24°C	4.2 hr.ft ² .F/Btu 0.74 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	1½" (38 mm) to 6" (152.4 mm) in ½" increments 16" x 48" (406 mm x 1219 mm) 24" x 48" (610 mm x 1219 mm)		

EVALUATED TO:			
CAN/ULC S702 Type 1 Compliant	ASTM C612 Type IVB 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.			



FILE: B1124



For exterior use only.
Not for interior use.

PowerWool Insulation Inc. has no control over the workmanship, design of installation, accessories used with or conditions of application, and as such we do not warranty the performance or results of any installation containing PowerWool Insulation Inc.'s products.

All information on this technical data sheet is based on data considered to be accurate, tested in laboratories and is published for the user's investigation, consideration, and verification only. Nothing written herein represents a warranty or guarantee for which the manufacturer or distributor may be held responsible legally. No responsibility for assumptions or misrepresentation is assumed by the publisher.