

## powerwoolinsulation.com

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## **Physical Properties Data Sheet**

**PowerWool™ CavityBoard**<sup>™</sup> is a continuous, non-structural and non-combustible semi-rigid mineral wool insulation sheathing board designed to increase the effective thermal value in exterior cavity wall and rainscreen applications. With a consistent density throughout, the product has no need to be placed in a certain direction.

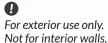


in Canada

CHARACTERISTIC	RE	SULT	TEST STANDARD
Compliance	Mineral Fiber Thermal Insulation for Build	dings - Type 1 Compliant	CAN/ULC S702
Reaction to Fire	Flame spread index = 0; Smoke developed Flame spread index = 0; Smoke developed Determination of Non Combustability of Behaviour of materials at 750°C - Non Co	l index = 0 Building Materials - Non Combustible	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136
Density	4.5 lbs/ft <sup>3</sup> (72 kg/m <sup>3</sup> )		CAN/ULC \$702.1
Dimensional Stability	Linear Shrinkage = Pass @1200°F (650°C	)	ASTM C356
Corrosion Resistance	Stress Corrosion Cracking Tendency of A Corrosion of Steel - Passed	ustenitic Stainless Steel - Passed	ASTM C795 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 Me Determination of Fungi Resistance - Pass		ASTM C1104 ASTM E96 ASTM C1338
Dimensions	1" (25.4 mm) to 6" (152.4 mm) in 1/2" incr 24" x 48" (610 mm x 1219 mm)	ements	

\* Like most exterior rigid insulations, thermal values may decrease up to 1% per inch of thickness.

EVALUATED TO:				
CAN/ULC \$701.1-14(2019)	Type 1 Compliant	ASTM C1338	Does not support fungi growth.	
CAN/ULC S102	FSI: 0 SDI: 0	ASTM E84	FSI: 0 SDI: 0	
CAN/ULC S114	Classified Non-Combustible	ASTM E136	Classified Non-Combustible	



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.

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