

# PowerWool™ CAVITYBOARD™

## Physical Properties Data Sheet

**PowerWool™ CavityBoard™** 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.



Approved for use  
in Canada

CHARACTERISTIC	RESULT	TEST STANDARD
Compliance	Mineral Fiber Thermal Insulation for Buildings - Type 1 Compliant	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 Combustability 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 <sup>3</sup> (72 kg/m <sup>3</sup> )	CAN/ULC S702.1
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                      4.2 hr.ft <sup>2</sup> .F/Btu RSI value / 25.4 mm @ 24°C              0.74 m <sup>2</sup> K/W	ASTM C518
Reaction to Moisture	Moisture Sorption - Pass Water Vapor Transmission, Desiccant Method - 1670ng/Pa.s.m <sup>2</sup> (29 perm) Determination of Fungi Resistance - Passed	ASTM C1104 ASTM E96 ASTM C1338
Dimensions	1" (25.4 mm) to 6" (152.4 mm) in 1/2" increments 24" x 48" (610 mm x 1219 mm)	

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

EVALUATED TO:			
CAN/ULC S701.1-14(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



For exterior use only.  
Not for interior walls.

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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