PowerWool™
RIGID MINERAL WOOL INSULATION

powerwoolinsulation.com
107-3757 190th St, Surrey, BC Canada V3Z 0P6
T 604-542-9926 | TF 1-877-337-2802 | F 604-542-9927
/powerwool

PowerWool™ RIGIBOARD™ PRO MAX R4/in

Physical Properties Data Sheet

PowerWool™ RigiBoard™ PRO MAX is a continuous, non-structural and non-combustible rigid mineral wool insulation sheathing board designed to increase the effective thermal value of exterior walls. With compression strength more than 50% greater than the leading competitive product, **Rigiboard™ PRO MAX** is an ideal choice for heavy-duty claddings and structures.

Approved for use in Canada and the USA

CHARACTERISTIC	RESULT	TEST STANDARD
Density	11 lbs/ft^3 (176 kg/m^3)	CAN/ULC S702-09
Compression Resistance	1608 psf (77 kPa) @ 10% Deformation	ASTM C165-07 (2017)
Thermal Resistance	R value/inch @ 75°F = 4 ft^2 F/Btu (min)* RSI value/25.4 mm @ 24°C = 0.70 m^{2}K/W (min)	ASTM C518-17 ASTM C518-17
Maximum Service Temperature	Hot Surface Performance: 1200°F (650°C)	ASTM C411
Non-Combustibility	Pass	CAN/ULC S114-05 (2018)
Surface Burning Characteristics	Flame Spread Classification = 0 (Pass) Smoke Developed = 0 (Pass)	CAN/ULC S102-16 CAN/ULC S102-16
Smolder Resistance	Mean Mass Loss, % = 0 (Pass) Mass Loss Each Specimen, % = 0 (Pass)	CAN/ULC S129-15
Water Vapour Permeance, Desiccant Method	2029 ng/Pa.s.m^2 (35.6 perm) (at 38mm (1.5") thickness)	ASTM E96M-16
Water Vapor Sorption	0.05%	ASTM C1104-13A
Water Absorption	0.09% by volume / 0.64% by weight	ASTM C209-14
Fungi Resistance	Pass	ASTM C1338-08
Corrosiveness	Pass	ASTM C665-17

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

EVALUATED TO:	
CAN/ULC S701.1 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.	

QAI C US
FILE: B1124

Approved per CCMC Listing #14061-L & CAN/ULC S702.1-14 R2019

CCMC ÉVALUATION 14061-L

For exterior use only. Not for interior walls.