

Rigiboard™ APEX R3.85/in

Physical Properties Data Sheet



PowerWool™ RigiBoard™ APEX is a high-density mineral wool insulation board intended for use in mechanically attached low-slope roofing systems.



Approved for use in
Canada and the USA

CHARACTERISTIC	RESULT	TEST STANDARD
Compliance	Standard Specification for Mineral Fiber Roof Insulation Boards	ASTM C726-05
Non-Combustibility	Pass (at 750 °C)	ASTM E136, CAN/ULC S114
Surface Burning Characteristics	Flame Spread Classification = 0 (Pass) Smoke Developed = 0 (Pass)	ASTM E84, CAN/ULC S102 ASTM E84, CAN/ULC S102
Density	12.5 lb/ft³ (200 kg/m³)	ASTM C303
Thermal Resistance	R value/inch @ 75°F = 3.85 ft² F/Btu RSI value/25.4 mm @ 24°C = 0.68 m²K/W	ASTM C518 ASTM C518
Water Absorption	< 1% vol	ASTM C1763
Water Vapour Permeance, Desiccant Method	2056 ng/Pa.s.m² (36 perms)	ASTM E96
Compressive Resistance	8 psi (56 kPa) @ 10%; 20 psi (141 kPa) @ 25 %	ASTM C165
Corrosion Resistance	Corrosiveness to Steel - Pass Corrosiveness to Aluminum - Pass	ASTM C665

WEATHER AND FOOT-TRAFFIC PROTECTION

Like most mineral wool roof insulation products, RigiBoard APEX should be protected from extended exposure to rain and other jobsite weather. Coordinate each day's work so boards installed during the shift are enclosed beneath the roof membrane before crews leave. If temporary exposure cannot be avoided, secure suitable water-resistant protection over the affected area and unfinished perimeter. Limit traffic over RigiBoard APEX to what is reasonably necessary for installation and routine roof maintenance. Avoid unnecessary, repeated or concentrated traffic. Where recurring travel or material staging is expected, place suitable rigid panels over the boards to distribute the loads.

⚠ For exterior use only. Not for interior walls.

EVALUATED TO:		
CAN/ULC S702.1	ASTM C726-05	
CAN/ULC S102	ASTM E84 (UL 723)	
	FSI: 0 SDI: 0	FSI: 0 SDI: 0
CAN/ULC S114	ASTM E136	
Classified Non-Combustible	Classified Non-Combustible	
ASTM C1338		
Does not support fungi growth.		


C US
FILE: B1124



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

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