



RG BOARD are rigid mineral wool insulation boards with rigid upper surfaces for durability and enhanced strength. They are intended for commercial and industrial roof insulation applications and are suitable for both new construction and re-roofing applications.

SPECIFICATIONS:

Density	40-220kg/m ³
Thickness	25-200mm
Width	600/1000/1220mm
Length	1000/1220/2400mm



METALLIC SOLUTION has no control over installation design and workmanship, accessory materials or application conditions, METALLIC SOLUTION does not warranty the performance or results of any installation containing METALLIC SOLUTION's products. METALLIC SOLUTION's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

Product properties in accordance with ASTM C612

Technical Property	Unit	Technical Index	Remarks
Thermal conductivity	75°F (24°C)	3.8 hr.ft ² .F/Btu	GB/T 10295 ASTM C518 (C177)
	25°F (-4°C)	4.3 hr.ft ² .F/Btu	
	40°F (4°C)	4.2 hr.ft ² .F/Btu	
	110°F (43°C)	3.6 hr.ft ² .F/Btu	
Reaction to Fire	Flame spread index = 0 ; Smoke developed index = 0		ASTM E84 (UL 723)
	Flame spread index = 0 ; Smoke developed index = 0		
Density	Actual Density - Top Layer, 13.75 lb/ft ³ (220 kg/m ³) Bottom Layer, 10.0 lb/ft ³ (160 kg/m ³)		ASTM C 612-09
Dimensional Stability	Linear Shrinkage - 0.71% @ 1200°F (650°C)		ASTM C356 ASTM D2126
	Linear Change 7 days @ -40°F (-40°C), ambient RH - 0.1%		
	Linear Change 7 days @ 200°F (93°C), ambient RH - 0.1%		
	Linear Change 7 days @ 158°F (70°C), 97% RH - 0.0%		
Reaction to Moisture	Moisture Sorption - 0.15% Water Absorption - <1.0%		ASTM C1104 ASTM C209 ASTM E96
	Water Vapor Transmission, Desiccant Method - 2330 ng/Pa.s.m ² (41 perm)		
Compressive Strength	Top Layer - 20psi (140kPa) @ 10%, 37psi (250kPa) @ 25%		ASTM C165 EN 12430
	Entire Board - 11psi (75kPa) @ 10%, 15psi (105kPa) @ 25%		
	Point Load @ 5 mm Compression - 30psi (205 kPa)		
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel -Passed		ASTM C795 ASTM C665
	Corrosion of Steel - Passed		
Melting Point	°C	≥1000	DIN4102-17
Environment	-	Asbestos free	-

** Provisions for lot testing may be required, consult manufacturer.



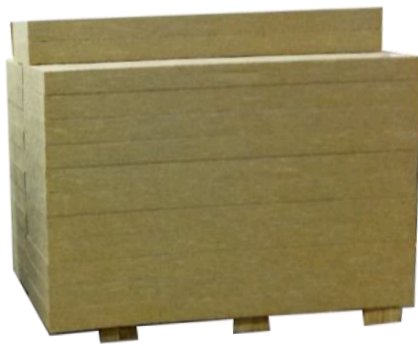
CURTAIN WALL



ROOFING



Surface Burning Characteristics: UL Listed to Canadian standard CAN/ULC S102 ; UL Classified to UL 723



EXTERIOR WALL



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