

ROXUL SAFE® 55

Metal Building Insulation

Product Description & Application

ROXUL SAFE® 55 is a mineral wool insulation board approved for use in metal building assemblies where a two hour fire resistance rating is required from one side or both sides of the wall.

	Performance	Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant	ASTM C612
Reaction to Fire	Flame spread index = 0 ; Smoke developed index = 0 Flame spread index = 0 ; Smoke developed index = 0 Determination of Non Combustibility of Building Materials - Non Combustible Test for Non-Combustibility - Non Combustible ULC 2 hr rated from interior side - W606 ULC 2 hr rated from both sides - W611 UL 2 hr rated from interior side - U655 UL 2 hr rated from both sides - U659 Consult UL and ULC Directories for fire rated designs	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136
Density	Nominal Density, Minimum - 4.5 lbs/ft ³ (72 kgs/m ³)	ASTM C303
Thermal Resistance	R-Value / inch @ 75°F 4.2 hr.ft ² .F/Btu RSI value / 25.4mm @ 24°C 0.74 m ² K/W	ASTM C518 (C177)
Dimensional Stability	Linear Shrinkage - <1% @ 1200°F	ASTM C356
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed Corrosion of Steel - Passed	ASTM C795 ASTM C665
Reaction to Moisture	Moisture Sorption - 0.04% Determination of Fungi Resistance - Passed	ASTM C1104 ASTM C1338
Thickness Dimensions	Product is available in 4" thickness (101.6mm) 24"x48" (610mm x 1219mm), 31.5"x48" (800mm x 1219mm), 32"x48" (813mm x 1219mm)	



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