

# ROXUL Safe<sup>®</sup> 65

Metal building insulation



ROCKWOOL ROXUL Safe<sup>®</sup> 65 is a medium-density stone wool insulation for exterior and interior non-load-bearing, steel-faced firewall applications where a fire resistance rating is required. It is approved for use in a 1-hour fire-rated system.

Designed to meet building codes in high-density areas, ROXUL Safe<sup>®</sup> 65 is noncombustible, and will not produce toxic smoke or promote flame spread. As a result, it provides high-temperature fire protection, enhancing occupant safety, particularly when a fire separation wall is required.

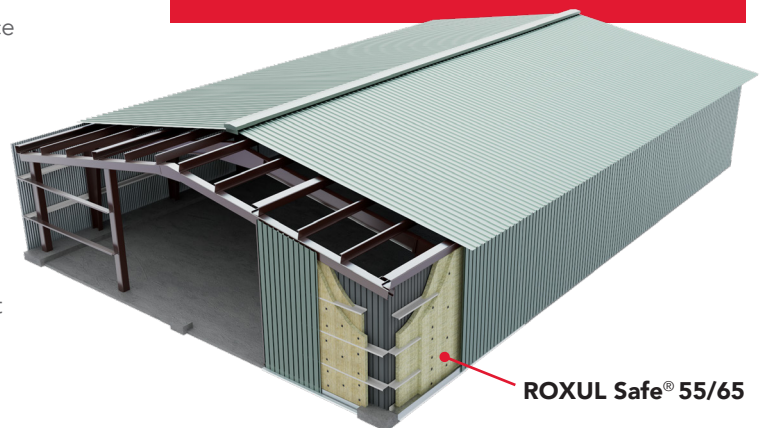
It is also UL/ULC tested and approved for fire-rated assemblies.

ROCKWOOL offers single- or double-sided fire-rated assemblies. ROXUL Safe<sup>®</sup> 65 is ideally suited for zero lot line applications where buildings are in close proximity and fire safety is essential.

Learn more at [rockwool.com](http://rockwool.com)

## Fire-resistant material

A 1-hour fire resistance rating from the interior side allows builders to reduce the required separation between buildings.



ROXUL Safe<sup>®</sup> 55/65

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## Technical Data Sheet

Board Insulation 15080\* • Board Insulation 07 21 013\*\*  
Metal Wall Panels 07 42 13\*\*

**ROCKWOOL ROXUL Safe® 65 is a stone wool insulation board approved for use in metal building assemblies where a 1-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 Mineral fiber thermal insulation for buildings - Type 1 compliant	ASTM C612 CAN/ULC S702	
Reaction to fire	Flame spread index = 0; Smoke developed index = 0 Flame spread rating = 0; Smoke developed classification = 0 Combustibility of materials at 750 °C - Noncombustible Determination of non-combustibility of building materials - Non-combustible	ASTM E84 (UL 723) <sup>1</sup> CAN/ULC S102 ASTM E136 CAN/ULC S114	
Density	Minimum - 6.0 lbs/ft <sup>3</sup> (96 kg/m <sup>3</sup> )	ASTM C303	
Thermal resistance	R-Value / inch @ 75 °F RSI value / 25.4 mm @ 24 °C	4.1 hr.ft <sup>2</sup> .F/Btu 0.71 m <sup>2</sup> K/W	ASTM C518 (C177)
Dimensional stability	Linear shrinkage - <1 % @ 1200 °F	ASTM C356	
Corrosion resistance	Corrosiveness to steel	ASTM C1617	
Reaction to moisture	Water vapor sorption - 0.02 vol% Determination of fungi resistance - Passed	ASTM C1104 ASTM C1338	
Thickness Dimensions	Product is available in 3" thickness (76.2 mm) 24" x 48" (610 mm x 1219 mm), 31.5" x 48" (800 mm x 1219 mm), 36" x 60" (914 mm x 1524 mm)		

Fire rated assemblies

UL U654: 1-hr rated from interior side  
UL U658: 1-hr rated from both sides

ULC W605: 1-hr rated from interior side  
ULC W609: 1-hr rated from interior side  
ULC W610: 1-hr rated from both sides

**Consult UL and ULC directories for fire rated designs**



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<sup>1</sup> Meets Class A requirements for flame spread and smoke-developed indices as per IBC  
\* Master Format 1995 Edition \*\* Master Format 2004 Edition.

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