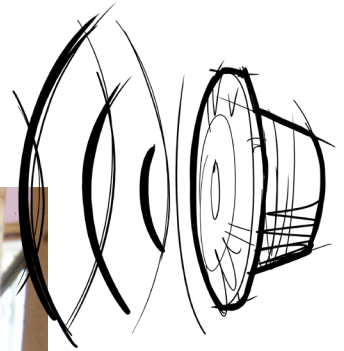


SAFE'N'SOUND®

Fire and Soundproofing Insulation



ROCKWOOL SAFE'N'SOUND® is a stone wool insulation for use in interior partitions of residential wood and steel stud construction where superior fire resistance and acoustical performance are required.

Withstanding temperatures up to 2150°F (1177°C), SAFE'N'SOUND® is non-combustible and will not produce toxic smoke or promote flames spreading, even when directly exposed to fire. This adds valuable extra time for people to reach safety and for fire services personnel to arrive.

SAFE'N'SOUND® has excellent acoustical dampening properties and provides an easy friction fit into walls, ceiling and floor applications. It is GREENGUARD Gold Certified and contributes to a healthier indoor environment.

Learn more at rockwool.com

A Quiet Space

A high density and unique fiber structure absorbs sound and reduces noise traveling from one room to another, improving occupant comfort.



SAFE'N'SOUND®

Residential Fire and Soundproofing Insulation

Technical Data Sheet

Batt Insulation 07210 & 09820*
Acoustic Blanket Insulation 09 81 16**

ROCKWOOL SAFE'n'SOUND® is a mineral wool batt insulation for interior partitions of wood and steel frame construction where superior fire resistance and acoustical performance is required.

	Performance	Test Standard
Compliance	Mineral Fiber Blanket Thermal Insulation, Type 1 Compliant	ASTM C665
	Mineral Fiber Thermal Insulation for Buildings, Type 1 Compliant	CAN/ULC S702
Reaction to Fire	Flame spread index = 0; Smoke developed index = 0	ASTM E84 (UL 723)
	Flame spread index = 0; Smoke developed index = 0	CAN/ULC S102
	Determination of Non-combustibility of Building Materials - Non-combustible	CAN/ULC S114
	Behavior of materials at 750°C - Non-combustible	ASTM E136
	Smolder Resistance - 0.09%	CAN/ULC S129
Density	Actual Density - 2.4 lb/ft³ (38 kg/m³)	ASTM C167
Thickness	Product is available in 3" thickness (76.2 mm)	
Dimensions	Wood Stud 16" (406 mm) on center: 15.25" x 47" (387 mm x 1194 mm) Wood Stud 24" (610 mm) on center: 23" x 47" (584 mm x 1194 mm) Steel Stud 16" (406 mm) on center: 16.25" x 48" (413 mm x 1219 mm) Steel Stud 24" (610 mm) on center: 24.25" x 48" (616 mm x 1219 mm)	
System Testing	System Description	Sound Transmission Class (STC)
	5/8" gypsum boards (type x) 3 5/8" steel studs spaced 24" OC SAFE'n'SOUND® Steel Stud	52
	5/8" gypsum boards (type x) 2x4" wood studs spaced 16" OC SAFE'n'SOUND® Wood Stud Resilient Channels spaced 16" OC	45
	2x10" Wood Joists spaced 16" OC 2 layers SAFE'n'SOUND® Wood Stud Resilient Channels spaced 24" OC 5/8" gypsum boards (type x)	50
Acoustical Performance	Fire Resistance	1 hour
	1 hour (non-loadbearing) 45 min (loadbearing)	
Acoustical Performance	30 minutes	
	Thickness	125 Hz 250 Hz 500 Hz 1000 Hz 2000Hz 4000 Hz NRC
	3"	0.52 0.96 1.18 1.07 1.05 1.05 1.05



Issued 01-01-18
Supersedes 08-23-17

NOTE: *Master Format 1995 Edition **Master Format 2004 Edition. As ROCKWOOL has no control over installation design and workmanship, accessory materials or application conditions, ROCKWOOL does not warranty the performance or results of any installation containing ROCKWOOL's products. ROCKWOOL'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.



8024 Esquesing Line, Milton, ON L9T 6W3
Tel: 800-265-6878 • Fax: 800-991-0110
rockwool.com