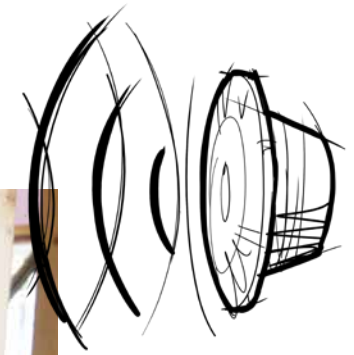


Safe'n'Sound®

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/ft ³ (38 kg/m ³)	ASTM C167		
Thickness	Product is available in 3" (76 mm) and 6" (152 mm) thicknesses			
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)			
	I-Joist 16" (402 mm) on center: 16.25"x48 (413 mm x 1219 mm)			
	I-Joist 19.2" (488mm) on center: 19.2" x 47" (488 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 5/8" gypsum boards (type x) 3 5/8" steel studs spaced 24" OC 1 layer of 3" Safe'n'Sound® Steel Stud	Sound Transmission Class (STC) 52	Fire Resistance 1 hour	
	5/8" gypsum boards (type x) 2x4" wood studs spaced 16" OC 1 layer of 3" Safe'n'Sound® Wood Stud Resilient Channels spaced 16" OC	45	1 hour (non-loadbearing) 45 min (loadbearing)	
	2x10" Wood Joists spaced 16" OC 1 layer of 6" Safe'n'Sound® Wood Stud Resilient Channels spaced 24" OC 5/8" gypsum boards (type x)	50	30 minutes	
Acoustical Performance	Thickness 3" 6"	125 Hz 250 Hz 500 Hz 1000 Hz 2000Hz 4000 Hz NRC	0.52 0.96 1.18 1.07 1.05 1.05 1.05 1.11 1.28 1.15 1.06 1.03 1.01 1.15	ASTM C423



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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.



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