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TECHNICAL DATA SHEET

Rockwool Safe and Sound Insulation

Manufacturer: ROCKWOOL

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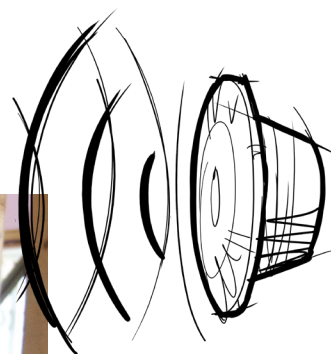
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Safe'n'Sound®

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.

Safe'n'Sound® is noncombustible 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.

Available in 3" and 6" thicknesses, Safe'n'Sound has excellent acoustical dampening properties and provides an easy friction fit into wall, ceiling and floor applications. It is GREENGUARD Gold Certified and contributes to a healthier indoor environment.

Learn more at rockwool.com/safensound

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 stone 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 Rating = 0; Smoke Developed Classification = 0	CAN/ULC S102
	Combustibility of Materials at 750 °C - Noncombustible	ASTM E136
	Determination of Non-combustibility of Building Materials - Non-combustible	CAN/ULC S114
Nominal Density	2.5 lbs/ft ³ (40 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" x 48" (413 mm x 1219 mm) I-Joist 19.2" (488 mm) 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)	
Acoustical Performance	Thickness (In.)	125 Hz 250 Hz 500 Hz 1000 Hz 2000Hz 4000 Hz NRC SAA
	3	0.44 0.98 1.22 1.14 1.09 1.07 1.10 1.11
	6	1.38 1.29 1.30 1.22 1.15 1.08 1.25 1.25



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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. NOTE 1: Meets Class A requirements for flame spread and smoke-developed indices as per IBC.

[†]Density will change with thickness. Density is not a performance criteria but is commonly referred to when specifying insulation. Actual density is the true density of the insulation and Nominal density is the effective density of the insulation relative to a historic benchmark where the insulation contained 40% non-fibrous content also known as Shot (ASTM C612-99). Please contact ROCKWOOL for more information.



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