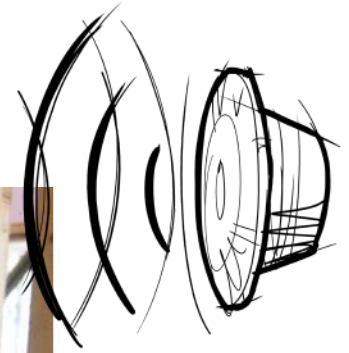


SAFE'N'SOUND®

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" 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) | Fire Resistance | | | | | | |
| | 5/8" gypsum boards (type x) 3 5/8" steel studs spaced 24" OC SAFE'n'SOUND® Steel Stud | 52 | 1 hour | | | | | | |
| | 5/8" gypsum boards (type x) 2x4" wood studs spaced 16" OC SAFE'n'SOUND® Wood Stud Resilient Channels spaced 16" OC | 45 | 1 hour (non-loadbearing) 45 min (loadbearing) | | | | | | |
| | 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 | 30 minutes | | | | | | |
| Acoustical Performance | Thickness | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000Hz | 4000 Hz | NRC | ASTM C423 |
| | 3" | 0.52 | 0.96 | 1.18 | 1.07 | 1.05 | 1.05 | 1.05 | |



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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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