



Thermafiber® Fire & Sound Guard™ Mineral Wool Insulation



Description

Thermafiber® Fire & Sound Guard™ mineral wool insulation batts are designed to provide exceptional acoustic control and fire protection in interior walls as well as floors and ceilings in residential and light commercial construction applications. Fire & Sound Guard™ is fire resistant to temperatures above 2,000°F allowing additional time to exit the structure in the event of a fire. Fire & Sound Guard™ is available for wood and steel construction.

Standards, Codes Compliance

NFPA 101	Class A rated interior finish
ASTM E 136	Non-combustible as defined per NFPA Standard 220
CAN/ULC S114	Complies
ASTM C 1104	Absorbs less than 1% by volume
ASTM E 84/ CAN/ULC S102	Flame Spread 0, Smoke Developed 0
ASTM C 1338	Complies

Product Options

Recycled Content Options^{1,2}:

- EPA Choice Fiber (US Government Buildings) Minimum 75%
- Standard Fiber 70%

1. Recycled content options other than standard must be specified at time of order.

Acoustical Performance

Coefficients at Frequencies Per ASTM C 423							
Thick-ness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
2"	0.34	0.61	1.07	1.09	1.07	1.10	0.95
3"	0.51	0.99	1.18	1.03	0.99	0.96	1.05
4"	0.83	1.19	1.27	1.12	1.12	1.13	1.20
6"	1.37	1.32	1.23	1.16	1.12	1.12	1.20

Installation

- Interior Stud Cavity – Friction fit Fire & Sound Guard™ securely between studs. Butt ends of blankets closely together and fill all voids.
- Floor-Ceiling – Friction fit Fire & Sound Guard™ securely between floor joints.

Availability

Thickness*	Widths**	Lengths	Application
3"	15"	47"	wood
3"	16"	48"	steel
3"	23"	47"	wood
3"	24"	48"	steel

Thermafiber Insolutions®

Thermafiber Insolutions® offers industry leading technical and engineering assistance to architects, specifiers, and contractors. These services include CAD drawings, engineering judgments, LEED® Credit Information, and product recommendations. Contact our technical services department at 1-888-834-2371 or email ThermafiberInsolutions@owenscorning.com.

Features

- Exceptional sound and noise absorption
- Excellent thermal performance
- Fire resistant to temperatures above 2,000° F (1,093° C)
- Conserves energy, reduces greenhouse gas emissions
- Mold-resistant³
3. ASTM C 1338
- Minimum 70% recycled content²
- Contributes to credits in several green building programs such as LEED® and Green Globes®

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at www.owenscorning.com.

Notes

For additional information refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

Submittal Approvals

Job Name _____
Contractor _____
Date _____



Thermafiber® Fire & Sound Guard™ mineral wool insulation is designed to provide excellent sound control and fire protection in interior walls as well as floors and ceilings.



Made in the USA

Certifications and Sustainable Features

- ²Verified by ICC-ES to contain a minimum of 70% recycled content. See ICC-ES Evaluation Report VAR-1025 at icc-es.org.
- Environmental Product Declaration (EPD) has been certified by UL Environment. For more information visit ul.com/epd.
- Material Health Certificate from Cradle to Cradle Products Innovation Institute. For more information visit c2ccertified.org.



Thermafiber®

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