



Thermafiber® Fire & Sound Guard™ Mineral Wool Acoustic Batt Insulation

PRODUCT FEATURES

Description

Mineral wool sound attenuation batt insulation.

Basic Uses/Related Uses

Sound absorptive material for various wall and ceiling construction assemblies.

Selection Criteria

- Enhances acoustical performance
- Non-combustible
- Moisture resistant and non-deteriorating
- Non-corrosive
- Vermin resistant
- Fire resistant to temperatures above 1,093° C (2,000° F)

Sustainability Criteria

- Recycled content minimum 70%, standard fiber
- Bronze Material Health Certificate from Cradle to Cradle
- For more information see Environmental Product Declaration (EPD) certified by UL Environment via www.owenscorning.ca/sustainability

Applicable Standards

CAN/ULC-S702	Standard for Mineral Fibre Thermal Insulation for Buildings
CAN/ULC-S114	Standard Method of Test for Determination of Non-combustibility in Building Materials
CAN/ULC-S129	Standard Method of Test for Smoulder Resistance of Insulation (Basket Method)
CAN/ULC-S102	Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies
ASTM C1104	Standard Test Method for Determining the Water Vapor Sorption of Unfaced Mineral Fiber Insulation
ASTM C1338	Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings

Performance Criteria

Compliance	Evaluation Listing No. 14059-L Type I	CCMC CAN/ULC-S702
Density	40 kg/m³ (2.5 lbs/ft³)	Actual
Fire	Non-Combustible Smoulder Resistance Mean Mass Loss ≤ 0.02% Flame Spread 0; Smoke Developed 0	CAN/ULC-S114 CAN/ULC-S129 CAN/ULC-S102
Moisture	Moisture Absorption 0.03% by volume Fungi Resistance - Pass	ASTM C1104 ASTM C1338

Sizes

Thickness	Widths	Lengths
76 mm (3.0")	Wood Studs: 381 mm (15") 584 mm (23")	1194 mm (47")
	Steel Studs: 406 mm (16") 600 mm (24")	1209 mm (48")

Quality Statement, Tests, Certifications and Approvals

- Qualifies as sound absorptive material within NBCC and Provincial building codes.
- Recycled content verified by ICC-ES

Delivery and Storage

Deliver products in their original packages, and store in enclosed shelter.

Limitations

Fire & Sound Guard™ is not certified for use in UL & ULC fire rated designs. For UL & ULC fire rated assemblies use Thermafiber® SAFB™ acoustic batt insulation. Not recommended for thermal resistant rated construction assemblies. Use Thermafiber® UltraBatt™ insulation where thermal resistant rated mineral wool insulation is required. Packaging is not UV resistant. Shelter unused packages from the elements.

Safety

Contact with mineral wool may cause temporary eye and skin irritation. Wear eye protection and long-sleeved loose fitting clothing closed at the neck and wrists. For additional information refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

Availability/Cost

Contact Owens Corning local Area Sales Manager. See ASM territory map via www.thermafiber.ca/contact.

Technical Services Available

For Canadian Thermafiber® Technical inquiries, please contact our technical team at Thermafiber.ca.



Thermafiber® Fire & Sound Guard™

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PRODUCT PROPERTIES

Materials

Mineral wool sound absorbing material, Type I (to CAN/ULC-S702), non-combustible (to CAN/ULC-S114).

PRODUCT PLACEMENT

Installation

- Install in accordance with Thermafiber® insulation installation instructions as shown on packaging.
- Blankets are typically installed friction-fit between framing members in wall and floor assemblies.
- Blankets should be butted tight at joints, filling all voids, do not over compress.



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