



# 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
- Transparency Documentation Available - Health Product Declaration
- For more information see Environmental Product Declaration (EPD) certified by UL Environment via [www.owenscorning.ca/sustainability](http://www.owenscorning.ca/sustainability)

### Applicable Standards

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

### Performance Criteria

<b>Compliance</b>	Evaluation Listing No. 14059-L Type I	CCMC CAN/ULC-S702
<b>Density</b>	40 kg/m <sup>3</sup> (2.5 lbs/ft <sup>3</sup> )	Nominal
<b>Fire</b>	Non-Combustible Smoulder Resistance Mean Mass Loss ≤ 0.02% Flame Spread 0; Smoke Developed 0	CAN/ULC-S114 CAN/ULC-S129 CAN/ULC-S102
<b>Moisture</b>	Moisture Absorption <1% 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") 610 mm (24")	1219 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](http://www.thermafiber.ca/contact).

### Technical Services Available

For Canadian Thermafiber® Technical inquiries, please contact our technical team at [www.thermafiber.ca/contact](http://www.thermafiber.ca/contact).



# Thermafiber® Fire & Sound Guard™

## Mineral Wool Acoustic Batt Insulation



### 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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