



Thermafiber® Mineral Wool CI-C SC18 Mineral Wool Insulation



Standards, Codes Compliance

| | |
|---------------------|--|
| ASTM C 612 | Type IA, IB, II, III, IVA |
| CAN/ULC S702 | Type I |
| ASTM E 84 | Flame Spread 0, Smoke Developed 0 |
| CAN/ULC S102 | Flame Spread 0, Smoke Developed 0 |
| ASTM E 136 | Non-Combustible as defined per NFPA 220 |
| CAN/ULC S114 | Non-Combustible |
| ASTM C 356 | <1% @ 1200°F |
| ASTM C 165 | 648 lbs/ft ² @ 10% compression |
| ASTM E 96 | 110 perm |
| ASTM C 1104 | <0.5% |
| ASTM C 1338 | Fungi Resistant |
| ASTM C 665 | Non-Corrosive to Steel, Copper, and Aluminum |
| ASTM C 795 | Complies |

Product Options

Recycled Content Option^{1,2}:

Standard Fiber 70%

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

Technical Data

| Tested to ASTM C 518 | | | Tested to ASTM E 84 Unfaced | |
|----------------------|--|------------------------------------|-----------------------------|-----------------|
| Actual Density | "k" @ 75° [24°C] BTU.in/hr .sq. ft. °F | "R" value per inch of thickness*** | Flame Spread | Smoke Developed |
| 7.0 pcf | 0.25 | 4.0 | 0 | 0 |

***R = thickness divided by 'k'

Acoustical Performance

| Coefficients at Frequencies Per ASTM C 423 | | | | | | | |
|--|--------|--------|--------|---------|---------|---------|------|
| Thickness | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | NRC |
| 2" | 0.25 | 1.01 | 1.05 | 1.06 | 1.03 | 1.07 | 1.05 |

Installation

See StoTherm® ci Mineral Installation Guide for more information.

Availability

| Thickness* | Widths** | Lengths** |
|------------|----------|-----------|
| 2" - 4" | 24" | 48" |

* Thicknesses are available in 1/2" increments.

** Custom sizes are available upon request.

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

- Non-combustible, non-deteriorating, and inorganic
- Helps conserve energy, reduce greenhouse gas emissions
- Fire resistant to temperatures above 2,000° F (1,093° C)
- Enhances acoustical performance
- 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 _____



Made in the USA



Certifications and Sustainable Features

- ² Verified 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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