



# THERMAFIBER® TOPSTOP® MINERAL WOOL INSULATION

Thermafiber® TopStop® head-of-wall insulation provides fire containment in head-of-wall joint constructions. These products are noncombustible, moisture-resistant, non-corrosive, non-deteriorating, mildew-resistant, and vermin-resistant. Insulation used for TopStop® is UL® Classified, and is approved for use in designs that otherwise call for saffing insulation. It is available in three common sizes of trapezoidal shaped boards, as well as standard forming strips.

## Features

- Exceptional performance in head-of-wall joint fire containment systems
- Fire-resistant to temperatures above 2,000°F (1,093°C)
- Helps conserve energy, reduce greenhouse gas emissions
- Resists moisture
- Noncombustible
- Labor-saving pre-fabricated shapes
- Increased density allows for easy installation in the flutes
- Available in many different sizes
- Minimum 70% recycled content<sup>1</sup>
- Contributes to credits in several green building programs, such as LEED® and Green Globes®

## Physical Properties

PROPERTY	TEST METHOD	VALUE
Corrosion of Steel, Aluminum, and Copper	ASTM C665, HH-I-521F	Type I
Non-Combustibility	ASTM E136	Non-Combustible
Non-Combustibility	CAN/ULC S114	Complies
Water Vapor Sorption	ASTM C1104	Sorption less than 1% by volume
Surface Burning Characteristics	ASTM E84	Flame Spread 0, Smoke Developed 0
Surface Burning Characteristics	CAN/ULC S102	Flame Spread 0, Smoke Developed 0

## Technical Data

PRODUCT DESIGNATION	ACTUAL DENSITY	TESTED TO ASTM C518	
		"K" @ 75° [24°C] BTU.IN/HR.SQ FT. °F	"R" VALUE PER INCH OF THICKNESS <sup>2</sup>
TSZ-1	6.0 pcf	0.23	4.3
TSZ-2	6.0 pcf	0.23	4.3
TSZ-3	6.0 pcf	0.23	4.3
TSF-A2	6.0 pcf	0.23	4.3
TSF-A4	6.0 pcf	0.23	4.3
TSF-B2	6.0 pcf	0.23	4.3
TSF-B4	6.0 pcf	0.23	4.3

<sup>2</sup> R = thickness divided by "k."

## Availability

PRODUCT NUMBER	PRODUCT IMAGE	THICKNESS	TOP WIDTH	BOTTOM WIDTH	LENGTH	PIECES/CARTON	LINEAL FT./CARTON
TSZ-1		1 1/2"	3 1/2"	4 1/2"	36"	50	150
TSZ-2		2"	4 1/2"	5 1/2"	36"	32	96
TSZ-3		3"	5"	7"	36"	16	48
TSF-A2		1 1/4"	2"	2"	36"	140	420
TSF-A4		1 1/4"	4"	4"	36"	70	210
TSF-B2		5/8"	2"	2"	36"	252	756
TSF-B4		5/8"	4"	4"	36"	126	378

## Installation

Thermafiber® TopStop® head-of-wall insulation should be compression-fitted (per assembly design specifications) between the top of the wall head and below the roof deck, leaving no voids.

Apply smoke sealant as specified in the listed and tested design specification, and according to the smoke sealant manufacturer's instructions.

## Product Options

Thermafiber® TopStop® head-of-wall insulation has been pre-fabricated to fit the trapezoidal flutes typical of metal or concrete decking.

TopStop® is available in standard 6.0 pcf density. Custom sizes and densities are available upon request.

All TopStop® products are unfaced.

- Recycled Content Options<sup>1,3</sup>:
  - EPA Choice Fiber (U.S. Government Buildings) .....Minimum 75%
  - Standard Fiber .....70%

<sup>3</sup> Recycled content options other than standard must be specified at time of order.

## 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](mailto:ThermafiberInsolutions@owenscorning.com).

## 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](http://www.owenscorning.com).

## Certifications and Sustainable Features

- <sup>1</sup>Verified by ICC-ES to contain a minimum of 70% recycled content. See ICC-ES Evaluation Report VAR-1025 at [icc-es.org](http://icc-es.org).
- Environmental Product Declaration (EPD) has been certified by UL Environment. For more information, visit [ul.com/epd](http://ul.com/epd).
- TopStop® products have a published Health Product Declaration (HPD).



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### Notes

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

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