



THERMAFIBER® TOPSTOP® MINERAL WOOL INSULATION

Thermafiber® TopStop® Head-of-Wall Insulation provides fire containment in head-of-wall constructions. These products are non-combustible, moisture-resistant, non-corrosive, non-deteriorating, mildew-resistant, and vermin-resistant. Insulation used for TopStop® is UL® and Intertek® (formerly OPL) Classified, and is approved for use in designs that otherwise call for Safing Insulation. It is available in 3 common sizes of trapezoidal shaped boards, as well as standard forming strips.

Features

- Exceptional performance in head-of-wall fire containment systems
- Fire resistant to temperatures above 2,000°F (1,093°C)
- Helps conserve energy, reduce greenhouse gas emissions
- Resists moisture
- Non-combustible
- Labor saving pre-fabricated shapes
- Available in many different sizes
- Minimum 70% recycled content¹
- Contributes to credits in several green building programs such as LEED® and Green Globes®

¹ Verified by ICC-ES to contain a minimum of 70% recycled content. See ICC-ES Evaluation Report VAR-1025 at icc-es.org.

Physical Properties

PROPERTY	TEST METHOD	VALUE
Corrosion of Steel, Aluminum, and Copper	ASTM C665, ASTM C1936, HH-I-521F	Type I
Non-Combustibility	ASTM E136	Non-combustible
Non-Combustibility	CAN/ULC S114	Complies
Water Vapor Sorption	ASTM C1104	Absorbs 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
Fire Resistance of Building Joint Systems	UL 2079	Thermafiber® TopStop® insulation used in conjunction with an approved fill, void, or cavity material in construction joint systems Complies

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 ²
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

² 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		2"	5/8"	2"	36"	252	756
TSF-B4		4"	5/8"	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. 4.0 or 8.0 pcf are also available upon special request.

All TopStop® products are unfaced.

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.

Certifications and Sustainable Features

- 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.
- TopStop® Products have a published Health Product Declaration (HPD).



Disclaimer of Liability

Thermafiber, Inc. shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Thermafiber, Inc. liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing within thirty (30) days from date it was or reasonably should have been discovered.

LEED® is a registered trademark of the U.S. Green Building Council.

Green Globes® is a registered trademark of Green Building Initiative, Inc.

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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