



Thermafiber® TopStop® Mineral Wool Insulation



Description

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.

Standards, Codes Compliance

ASTM C 1104	Absorbs less than 1% by volume
ASTM C 612, HH-I-558B	Type IA, Type IB & 2
ASTM C 665, HH-I-521F	Type I
ASTM E 136	Non-combustible as defined per NFPA Standard 220
CAN/ULC S114	Complies
CAN/ULC S102	Flame Spread 0, Smoke Developed 0

Thermafiber® TopStop® insulation is accepted by New York City Board of Standards and Appeals under Calendar Nos. 39-74-SM, MEA-209-82M, Vol. 4

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.

Recycled Content Option^{1,2}:

- EPA Choice Fiber
(US Government Buildings) Minimum 75%
- Standard Fiber 70%

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

Technical Data

Product Designation	Actual Density	Tested to ASTM C 518		Tested to ASTM E 84 Unfaced	
		"k" @ 75° [24°C] BTU.in/hr.sq. ft. °F	"R" value per inch of thickness*	Flame Spread	Smoke Developed
TSZ-1	6.0 pcf	0.23	4.3	0	0
TSZ-2	6.0 pcf	0.23	4.3	0	0
TSZ-3	6.0 pcf	0.23	4.3	0	0
TSF-A2	6.0 pcf	0.23	4.3	0	0
TSF-A4	6.0 pcf	0.23	4.3	0	0
TSF-B2	6.0 pcf	0.23	4.3	0	0
TSF-B4	6.0 pcf	0.23	4.3	0	0

*R = thickness divided by 'k'

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.

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

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

- 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 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 _____



Thermafiber® TopStop® Head-of-Wall insulation contributes to energy conservation and fire protection in the LA LIVE complex in Los Angeles, CA.



Made in the USA

Certifications and Sustainable Features

- ²Verified 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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THERMAFIBER, INC.
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659
888-TFIBER1 [834-2371]
www.thermafiber.com

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