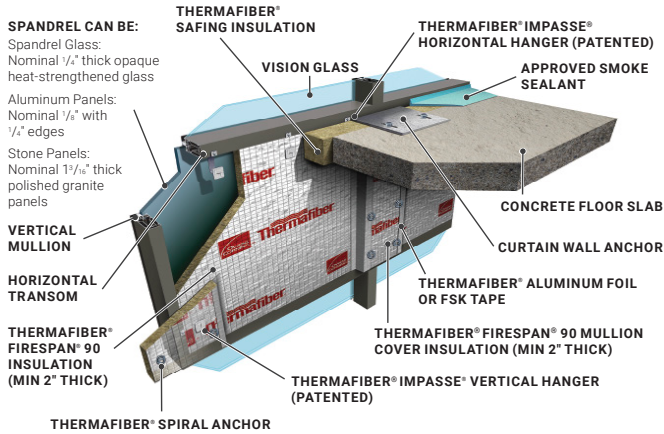




THERMAFIBER® IMPASSE® SYSTEM



The Thermafiber® Impasse® Perimeter Fire Containment System is a patented design that streamlines the installation of curtain wall insulation by changing the order of traditional installation steps to fit a logical progression and take full advantage of the fire-resistive, enhanced acoustical performance and vapor barrier properties of Thermafiber® FireSpan® and Safing insulations. Traditional curtain wall insulation systems call for installation of impaling pins attached to the spandrel perimeter before installation of insulation. The insulation is then impaled onto the pins. The Thermafiber® Impasse® System is unique in that the hangers are inserted into the insulation before the insulation is installed into the spandrel opening. This technique saves time and money. The Thermafiber® Impasse® System is tested and listed with UL® Laboratories and provides up to 2¹ hours of perimeter fire containment.

1 See individual listings for hourly F rating.

Features

- Provides up to 2¹ hours of fire containment in curtain wall systems
- Patented design
- UL® approved and listed system
- Saves time and money over traditional job site installation methods
- Custom OEM version available for factory installing curtain wall insulation
- Designed for easy installation
- Requires installation of fewer mechanical attachments
- Thermafiber® mineral wool products in this system have a minimum of 70% recycled content²
- Contributes to credits in several green building programs, such as LEED® and Green Globes®

Perimeter Fire Containment Systems

UL® APPROVED DESIGNS PER ASTM E2307

CW-D-1014	CW-D-2039	CW-D-2047	CW-D-2052
CW-D-1015	CW-D-2040	CW-D-2048	CW-D-2055
CW-D-1016	CW-D-2041	CW-D-2049	CW-D-2058
CW-D-1017	CW-D-2046	CW-D-2051	CW-D-2059

For additional job-specific details and accessory materials necessary to complete the Perimeter Fire Containment System, please refer to the UL® design listing.³

See Owens Corning publication "Enclosure Solutions Perimeter Fire Containment System E2307 Curtain Wall Technical Bulletin" (Pub. No. 10020920) for more information.

See Owens Corning publication "Thermafiber® Perimeter Fire Containment System Guide" (Pub. No. 10022722) for more information.

Availability

PRODUCT		SIZES
Thermafiber® FireSpan® 90		Thickness: 2" - 7" Widths: 24", 36", 72" Lengths: 48", 60", 72"
Thermafiber® Safing		4" 24" x 48"
Thermafiber® Impasse® Vertical Hanger ⁴		2"-5" 1/2" increments
Thermafiber® Impasse® Horizontal Hanger ⁴		2"-5" 1/2" increments
Thermafiber® Impasse® Locking Washers		1 size
Thermafiber® Spiral Anchor ⁵ (used with 1"-thick mullion covers) ⁶		2 ³ / ₄ " 500, 1,000, or 2,000 pieces per carton
Thermafiber® Spiral Anchor ⁵ (used with 2"-thick mullion covers)		3 ³ / ₄ " 500, 1,000, or 2,000 pieces per carton

⁴ Hanger size = insulation thickness. Custom sizes and designs are available upon request.

⁵ Spiral Anchors should be at least 1 3/4 inches longer than the thickness of the mullion cover.

⁶ Use of 1" thick mullion cover requires review and approval by Thermafiber Insolutions team.

Thermafiber Insolutions®

Thermafiber Insolutions® offers industry-leading technical and engineering assistance to architects, specifiers, and contractors. These services include CAD drawings, engineering judgments, and product recommendations. Contact our technical services department at 1-888-834-2371 or email 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.

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.
- For Thermafiber® products in this system: Environmental Product Declaration (EPD) has been certified by UL Environment. For more information, visit ul.com/epd.
- Thermafiber® mineral wool products in this system have a published Health Product Declaration (HPD).
- This system receives SAFETY Act designation by the U.S. Department of Homeland Security. For more information, visit safetyact.gov.



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

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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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