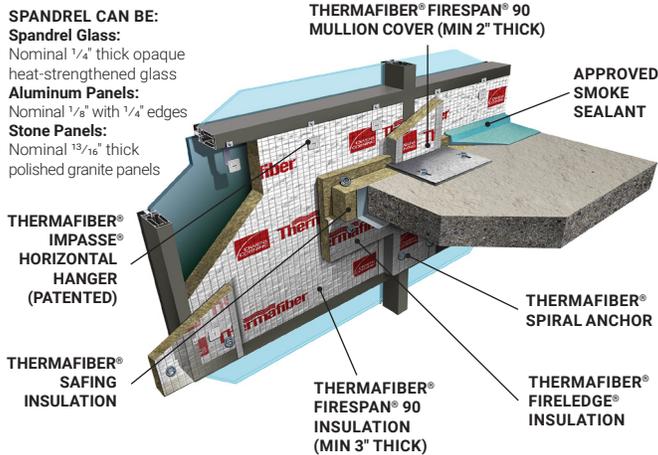




THERMAFIBER® IMPASSE® NO BACKER BAR™ SYSTEM



The patented Thermafiber® Impasse® No Backer Bar™ System design incorporates years of research and testing to completely eliminate the backer bar from the curtain wall assembly. Eliminating the backer bar from the spandrel area allows for thicker Thermafiber® FireSpan® 90 insulation to be installed. The thicker insulation increases the overall R-value of the building envelope. Thermafiber® FireLedge® allows for the elimination of the backer bar and saves time and money by reducing the amount of materials and labor needed to install the spandrel insulation. The Impasse® No Backer Bar™ System is great for installing spandrel insulation in a shop setting or in a building retrofit. The Thermafiber® Impasse® No Backer Bar System is tested and listed with UL® Laboratories and provides up to 3¹ hours of perimeter fire containment.

1 See individual listings for hours F rating.

Features

- Provides up to 3¹ hours of fire containment in curtain wall systems
- Patented design
- UL® approved and listed system
- Saves time and money
- Increases the overall R-value of the building enclosure
- Eliminates the backer bar completely
- This system can be implemented in the event a backer bar is erroneously omitted, eliminating costly tear-outs
- Designed for easy installation
- Reduces the number of mullion penetrations
- 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-1012

CW-D-1013

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		Facing: Foil Thickness: 3" Widths: 24", 36", 72" Lengths: 48", 60", 72"
Thermafiber® Safing		Thickness: 4" Width: 24" Length: 48"
Thermafiber® FireLedge® Fabrication Board ⁴		• Facing: Foil • Thickness: 2" • Width: 12" • Length: 48"
Thermafiber® Impasse® Vertical Hanger ⁵		3"-5" 1/2" increments
Thermafiber® Impasse® Horizontal Hanger ⁵		3"-5" 1/2" increments
Thermafiber® Impasse® Locking Washers		1 size
Thermafiber® Spiral Anchor ⁶		3 3/4" 500, 1,000, or 2,000 pieces per carton

4 Thermafiber® FireLedge® is FireSpan® 90 designed for field fabrication. See Owens Corning publication "Thermafiber® FireLedge® Fabrication and Installation Instructions" (Pub. No. 10025143) for detailed instructions.

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

6 Spiral Anchors should be at least 1 3/4 inches longer than the thickness of the mullion cover. Custom sizes and designs 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.

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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