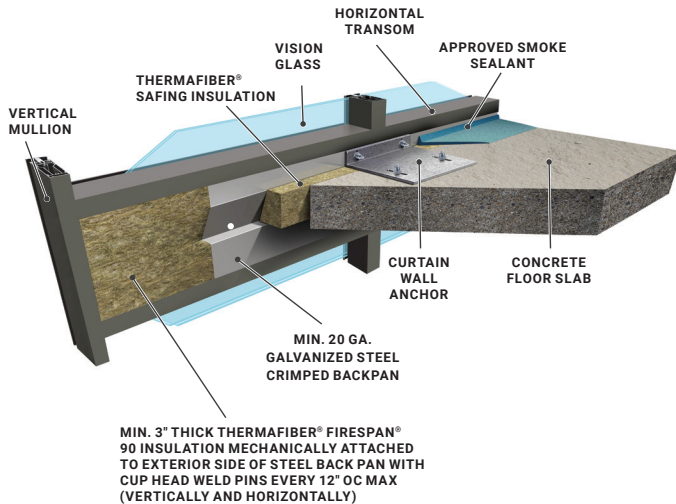




THERMAFIBER® CRIMPED BACKPAN SYSTEM



In traditional backpan perimeter fire containment systems, an additional reinforcement member is needed to prevent warping of the panel when exposed to fire. The Owens Corning® Thermafiber® Crimped Backpan Perimeter Fire Containment System is a patent pending design with a crimped interior backpan that simplifies installation and allows for easier visual identification of system components during inspection.¹ The configuration of the steel creates a ledge that provides reinforcement, which eliminates the need for a backer reinforcement member, and provides support against fire propagation and smoke migration. The profile of the crimp does not interrupt the backpan or anchor attachment to the framing and allows up to 3-inch displacement of the horizontal transom above the floor slab. The Thermafiber® Crimped Backpan System is tested and listed with Intertek® Laboratories and provides up to 2 hours² of perimeter fire containment.

- ¹ Based on comparison done with available backpan systems.
² Listing: TFI/BPF 120-16 AND TFI/BPF 120-17.

Features

- Provides a 2-hour F rated perimeter fire containment system
- Patent-pending design
- Intertek® tested and listed system
- Eliminates the need for backer reinforcement member
- Eliminates mullion covers
- The crimp does not interfere with attachment of the curtain wall anchors
- The horizontal framing member can be up to 3 inches above the floor without need for a stiffener
- Easier installation¹
- Easier visual inspections¹
- Thermafiber® mineral wool products in this system have a minimum of 70% recycled content³
- Contributes to credits in green building programs, such as LEED® and Green Globes®

Perimeter Fire Containment Systems

INTERTEK® APPROVED DESIGNS PER ASTM E2307

For additional job-specific details and accessory materials necessary to complete the Perimeter Fire Containment System, please refer to the Intertek® design listing.⁴

See Owens Corning publication [“Thermafiber® Perimeter Fire Containment System Guide”](#) for more information.

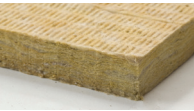
- ⁴ Intertek Laboratories Designs, Fire Resistance Directory, Intertek 16015 Shady Falls Rd. Elmhurst, TX 78112

Installation Details

For mechanical attachment of insulation and backpan, see design listing for details.²

Contact Thermafiber Insolutions® for crimped backpan construction details.

Availability

PRODUCT		SIZES
Thermafiber® FireSpan® 90		Minimum 3" thickness
Thermafiber® Safing		1"-4" x 24" x 48"

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

- ³Verified 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).



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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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