



# THERMAFIBER® IMPASSE® HANGERS AND LOCKING WASHERS



Thermafiber® Impasse® Insulation Hangers and Locking Washers are designed to provide outstanding insulation security and support where mechanical attachment is a requirement. Impasse® Hangers save time over traditional insulation pins by reversing the order of installation. The patented design also requires less hangers than traditional pins. The reversed installation order allows users to insert the Impasse® Hangers directly into the insulation and then install the insulation panel directly into the opening. Traditional insulation pins require users to install the pins in the opening first and then force the insulation onto the pins.

## Features

- Used in perimeter fire containment systems that provide up to three<sup>1</sup> hours of fire containment
- Patented design provides enhanced insulation support and security
- Saves time and money over traditional insulation pins
- Easy to install
- Perimeter Fire Containment systems include Impasse® Hangers, Thermafiber® FireSpan® and Thermafiber® Safing Insulation

<sup>1</sup> See individual listings for hourly F rating.

## Installation



The Impasse® Hanger is impaled into the FireSpan® curtain wall insulation. The forked leg provides quick, easy installation.



The forked leg of the hanger provides a shelf-like ledge to support the insulation.



A locking washer is slid over the hanger to fit tightly against the insulation panel.



The forks are bent in opposite directions.

## Availability

PRODUCT		SIZES <sup>2</sup>
Thermafiber® Impasse® Vertical Hangers <sup>3,4</sup>		2"-5" in ½" increments
Thermafiber® Impasse® Horizontal Hangers <sup>3,4</sup>		2"-5" in ½" increments
Thermafiber® Impasse® GS Vertical and Horizontal Hangers <sup>3,4</sup>		2"-5" in ½" increments
Thermafiber® Impasse® Locking Washers		1 size

<sup>2</sup> Custom sizes and designs are available upon request.

<sup>3</sup> Hanger Size = insulation thickness.

<sup>4</sup> Impasse® GS Vertical and Horizontal Hangers allow for installation from the glass side of the unit.

## Perimeter Fire Containment Systems

### UL® APPROVED DESIGNS PER ASTM E2307

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

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

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

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

<sup>4</sup> UL Fire Rated Designs, UL 333 Pflingsten Road, Northbrook, IL 60062.

### 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](mailto: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](http://www.owenscorning.com).



Made in the USA

### Disclaimer of Liability

Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Owens Corning makes no representation about, and is not responsible or liable for, the accuracy or reliability of data associated with particular uses of any product described herein. Owens Corning reserves the right to modify this document without prior notice.

UL® and the UL® logo are trademarks of UL LLC.

### Notes

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

**THERMAFIBER, INC.**  
ONE OWENS CORNING PARKWAY  
TOLEDO, OH 43659 USA

**888-TFIBER1 [834-2371]**  
[www.owenscorning.com/thermafiber](http://www.owenscorning.com/thermafiber)