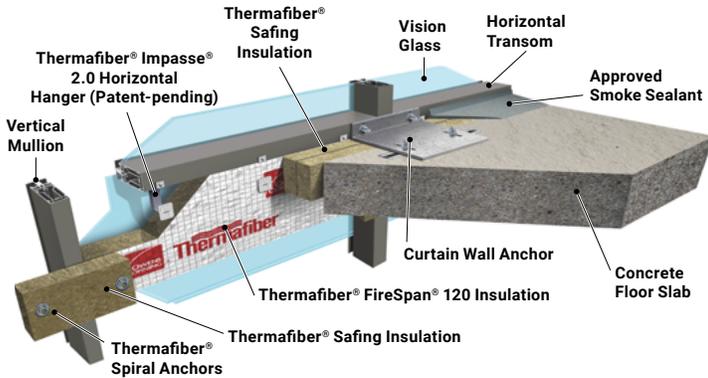




# THERMAFIBER® IMPASSE® 2.0 HANGERS AND LOCKING WASHERS



Thermafiber® Impasse® 2.0 Insulation Hangers and Locking Washers are designed specifically for the patent-pending Thermafiber® Impasse® Zero Spandrel Perimeter Fire Containment System to provide outstanding insulation security and support where mechanical attachment is a requirement. Patent-pending Impasse® 2.0 Hangers are more durable and heavier-duty.<sup>1</sup> Mechanical attachment at the horizontal transom avoids interference with various types of curtain wall anchors versus existing zero spandrel systems, saving time over traditional insulation pins. The innovative system design requires less hangers, is easier to install, does not require a backer reinforcement member, and allows users to insert the Impasse® 2.0 Hangers directly into the Thermafiber® FireSpan® 120 insulation and then install the insulation panel directly into the opening. Together, as part of the Thermafiber® Impasse® Zero Spandrel Perimeter Fire Containment System, FireSpan® 120 and Impasse® 2.0 Hangers may eliminate the need for costly and bulky back pans, saving time and money over existing zero spandrel systems.<sup>3</sup>

1 Heavier gauge steel than standard Thermafiber® Impasse® Hangers.

## Features

- Used in the patent-pending Thermafiber® Impasse® Zero Spandrel Perimeter Fire Containment System which provides up to 3 hours<sup>2</sup> of fire containment
- Innovative hanger design provides enhanced insulation support and security for the Thermafiber® Impasse® Zero Spandrel Perimeter Fire Containment System
- Saves time and money over existing zero spandrel systems<sup>3</sup>
- Impasse® 2.0 Hangers, as part of the Thermafiber® Impasse® Zero Spandrel Perimeter Fire Containment System, help provide easy installation for both field and shop installed curtain walls over existing zero spandrel systems<sup>3</sup>
- System requires fewer penetrations to attach it to the curtain wall framing and does not require a backer/reinforcement bar<sup>3</sup>
- Because Impasse® 2.0 Hangers are installed to the bottom of the horizontal transom, the mechanical attachment of the system does not interfere with the curtain wall anchor attachments

2 As tested to ASTM E2307. Reference Intertek® design listings: TFI/BPF 180-07 (3-hour F rating) and TFI/BPF 120-15 (2-hour F rating).

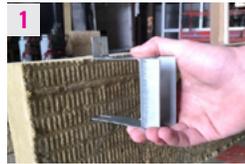
3 Based on comparison done with available competitive zero spandrel systems.

## Availability

PRODUCT		SIZES
Thermafiber® Impasse® 2.0 Horizontal Hangers <sup>4</sup>		3"
Thermafiber® Impasse® Locking Washers		1 size

4 Hanger size = insulation thickness.

## Installation



1 The Impasse® 2.0 Hanger is impaled into the insulation. The forked leg provides quick, easy installation.



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



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



4 The forks are bent in opposite directions.

## 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.<sup>5</sup>

See Owens Corning publication "[Enclosure Solutions Zero Spandrel Perimeter Fire Containment System Technical Bulletin](#)" for more information.

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

5 Intertek Laboratories Designs, Fire Resistance Directory, Intertek 16015 Shady Falls Rd. Elmendorf, TX 78112

## 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

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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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