**Description**

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 fewer 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.

**Perimeter Fire Containment Systems**

<table>
<thead>
<tr>
<th>UL® Approved Designs Per ASTM E 2307</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CW-D-1014</td>
<td>CW-D-2039</td>
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<tr>
<td>CW-D-1015</td>
<td>CW-D-2040</td>
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<td>CW-D-1021</td>
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<tr>
<td>CW-D-1022</td>
<td>CW-D-2048</td>
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</tbody>
</table>

For additional job specific details and accessory materials necessary to complete the Perimeter Fire Containment System, please refer to UL® design listing.¹

¹ Underwriters Laboratories (UL) Designs, Fire Resistance Directory, UL 333 Pﬁngsten Road, Northbrook, IL 60062.

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

**Installation**

1. The Impasse® 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.

**Availability**

<table>
<thead>
<tr>
<th>Product</th>
<th>Sizes*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse® Vertical Hanger**</td>
<td>2” – 5” in ½” increments</td>
</tr>
<tr>
<td>Impasse® Horizontal Hanger**</td>
<td>2” – 5” in ½” increments</td>
</tr>
<tr>
<td>Impasse® Locking Washers</td>
<td>1 size</td>
</tr>
</tbody>
</table>

*Custom sizes and designs are available upon request.

**Hanger Size = insulation thickness.**

**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.
Features
• Used in curtain wall systems that provide up to 3*** hours of fire containment
  ***See individual listings for hourly F rating
• Patented design provides enhanced insulation support and security
• Saves time and money over traditional insulation pins
• Easy to install

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.

Submittal Approvals
Job Name ________________________________
Contractor ______________________________
Date ________________________________

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Any claim shall be deemed waived unless made in writing within thirty (30) days from date it was or reasonably should have been discovered.
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Thermafiber Impasse® Hangers were used to secure the Firespan® mineral wool insulation for the perimeter fire containment system in the 555 Mission building in San Francisco, CA. Thermafiber® insulation also contributed to the LEED® silver rating for this building.