Master Wall® Continuous Insulation and Finish Systems (CIFS® or EIFS) use a variety of fasteners and plates when mechanically attaching the insulation board to or through a substrate.

All fastening systems must be applied according to Master Wall instructions. Please reference the system detail drawings and specifications for approved fastening methods and call Master Wall for any special conditions or questions.

### Approved Plates

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Aggre-flex EIFS</th>
<th>Aggre-flex Drainage EIFS</th>
<th>QRW1 Drainage EIFS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Buildex</strong></td>
<td>Gridmate PB</td>
<td></td>
<td>Gridmate</td>
</tr>
<tr>
<td><strong>Demand Products</strong></td>
<td>PB Washer</td>
<td>PBH Washer</td>
<td>DP300</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gridmaster Washer</td>
<td>DP400</td>
</tr>
<tr>
<td><strong>BeroXpert</strong></td>
<td>Original PB™ Washer</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Wind-Lock</strong></td>
<td>Wind Devil 2</td>
<td></td>
<td>ULP302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ULP402</td>
</tr>
</tbody>
</table>

**Aggre-flex Systems Plate Examples**

**QRW1 Plate Examples**

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### Fastener Length Calculator for EIFS
Calculate the fastener size for your project

<table>
<thead>
<tr>
<th>Fastener Type</th>
<th>Insulation Thickness*</th>
<th>Sheathing Thickness</th>
<th>Minimum Penetration</th>
<th>Total Length</th>
<th>Available Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>Gypsum ½” to 5/8”</td>
<td>3/4”</td>
<td></td>
<td></td>
<td>1-5/8”, 2”, 2-1/2”, 3”, 3-3/4”, 4-1/2”</td>
</tr>
<tr>
<td>Wood</td>
<td>Plywood ½” to ¾”</td>
<td>1/4”</td>
<td></td>
<td></td>
<td>1-5/8”, 2”, 2-1/2”, 3”, 3-3/4”, 4-1/2”</td>
</tr>
<tr>
<td>Light Metal</td>
<td>25ga min.</td>
<td>1/4”</td>
<td></td>
<td></td>
<td>1-5/8”, 2-1/4”, 2-5/8”, 3”, 4”, 4-1/2”</td>
</tr>
<tr>
<td>Steel</td>
<td>Gypsum ½” to 5/8”</td>
<td>1/4”</td>
<td></td>
<td></td>
<td>1-5/8”, 2”, 2-5/8”, 3”, 3-3/4”, 4-3/8”, 6”, 7”, 8”</td>
</tr>
<tr>
<td>Masonry</td>
<td>1” to 1-3/4” (Pre-drill hole ½” deeper than fastener penetration)</td>
<td>1/4”</td>
<td></td>
<td></td>
<td>1-3/4”, 2-1/4”, 2-3/4”, 3-1/4”, 4”</td>
</tr>
</tbody>
</table>

*1” to 4” - Aggre-flex, 5/8” to 2” QRW1

- Wind-Lock Premium Wood/Light Metal Screw with Climacoat®
- Wind-Lock Premium Masonry Screw with Climacoat®
- Wind-Lock Premium Steel Screw with Climacoat®

- Wind-Lock Economy Zinc Wood Screw
- Wind-Lock Economy Zinc Light Metal Screw

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**Aggre-flex/Aggre-flex Drainage EIFS**

<table>
<thead>
<tr>
<th>Approved substrate (by others)</th>
<th>Approved substrate (by others)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet Water Barrier (by others)</td>
<td>Sheet Water Barrier (by others)</td>
</tr>
</tbody>
</table>

**Nailable Substrates**
- Wood
- Plywood
- Oriented Strand Board (OSB)
- Masonry/Concrete
- Metal

**Non-Nailable Substrates**
- Gypsum

Metric: 4"=102 mm, 8"=204 mm, 10"=254 mm, 16"=406 mm

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QRW1 Drainage EIFS

- Wood
- Plywood
- Oriented Strand Board (OSB)
- Metal

Metric: 4"=102 mm, 12"=305 mm, 16"=406 mm, 24"=610 mm

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