Mounting systems for solar technology

QUICK GUIDE

EverFlash XP Comp

EverFlash XP Flashing

Material: Aluminum
Finish: Mill or dark

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000057</td>
<td>EverFlash XP Kit, Mill LF, Dark Flash</td>
</tr>
<tr>
<td>4000060</td>
<td>EverFlash XP Comp Kit, Dark</td>
</tr>
<tr>
<td>4000061</td>
<td>EverFlash XP Comp Kit, Mill</td>
</tr>
</tbody>
</table>

L-Foot

Material: Stainless steel

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000036</td>
<td>EverFlash XP L-Foot, Mill</td>
</tr>
<tr>
<td>4000038</td>
<td>EverFlash XP L-Foot, Dark</td>
</tr>
</tbody>
</table>

Lag Bolt and EPDM Washer

TOOLS REQUIRED

≥ 10 ft
≥ 6,0 m

Note: Before working on any roof be sure to thoroughly investigate the status of the existing roof warranties. Common roof warranties include roof manufacturer’s product warranty and roofer’s workmanship warranty, which may state specific guidelines and best practices in order to maintain roof warranties when installing solar roof mounting and flashing. Consult a professional roofer for best practices.
Assembly

1 PREPARE ROOF

Locate the rafters and snap horizontal and vertical lines to mark the installation position for each EverFlash XP flashing.

Note that the bottom of the flashing should be positioned so as to not overhang the 1st shingle course.

2 BREAK SEALS

It is important to remove any obstructing nails in the 2nd course of shingles as they can prevent the flashing from extending up under the 3rd course of shingles.

This follows roofing best practices outlined by roof manufacturers and the Asphalt Roof Manufacturer’s Association.

Use a roofing bar to gently loosen the seal between the 1st and 2nd course. Do not tear shingle. Remove any nails that prevent the flashing to be placed under the 3rd course.

Materials Required: Roofing bar

3 DRILL PILOT HOLE AND SEAL

Drill 7/32” pilot hole by drilling square to the rafter using a 7/32” drill bit. Be sure to seal lag bolt by either back filling the pilot hole with an appropriate sealant or ensuring sealant onto the lag bolt threads directly.

Filling the pilot hole and/or sealing the lag bolt is a secondary waterproofing step, which is commonly required by roof manufacture guidelines.

Materials Required: 7/32” drill bit, drill, sealant

Additional waterproofing suggestions include an upside down “U” shape of sealant on the backside of the flashing and/or a circle of sealant on the underside of the XP flashing dome. The EverFlash XP was tested with no sealant but these suggestions follow roofing best practices and guidelines.
**4 INSERT EVERFLASH XP FLASHING**

Insert flashing with bottom edge flush with butt edge of the shingle. Flashing should be installed over 1st course, under the 2nd course, and at least a ¾” into the 3rd course.

**5 ATTACH EVERFLASH XP L-FOOT**

Using the guide marks in the flashing, line up the pilot hole with the hole on the dome of the EveFlash XP flashing. Place L-Foot over dome on flashing and drill lag bolt with sealing washer into the pilot hole.

Sealing washer comes concaved. To insure a proper watertight seal, install lag bolt to flatten the washer and not over tighten and convex the washer.

**6 ATTACH CROSSRAIL**

Per CrossRail instructions, insert T-bolt and install CrossRail to L-Foot. Be sure to tighten T-bolt in ready position.

**IMPORTANT!**

Ensure that the slot on the bottom of the T-bolt is vertical, indicating that the T-bolt head is properly engaged.