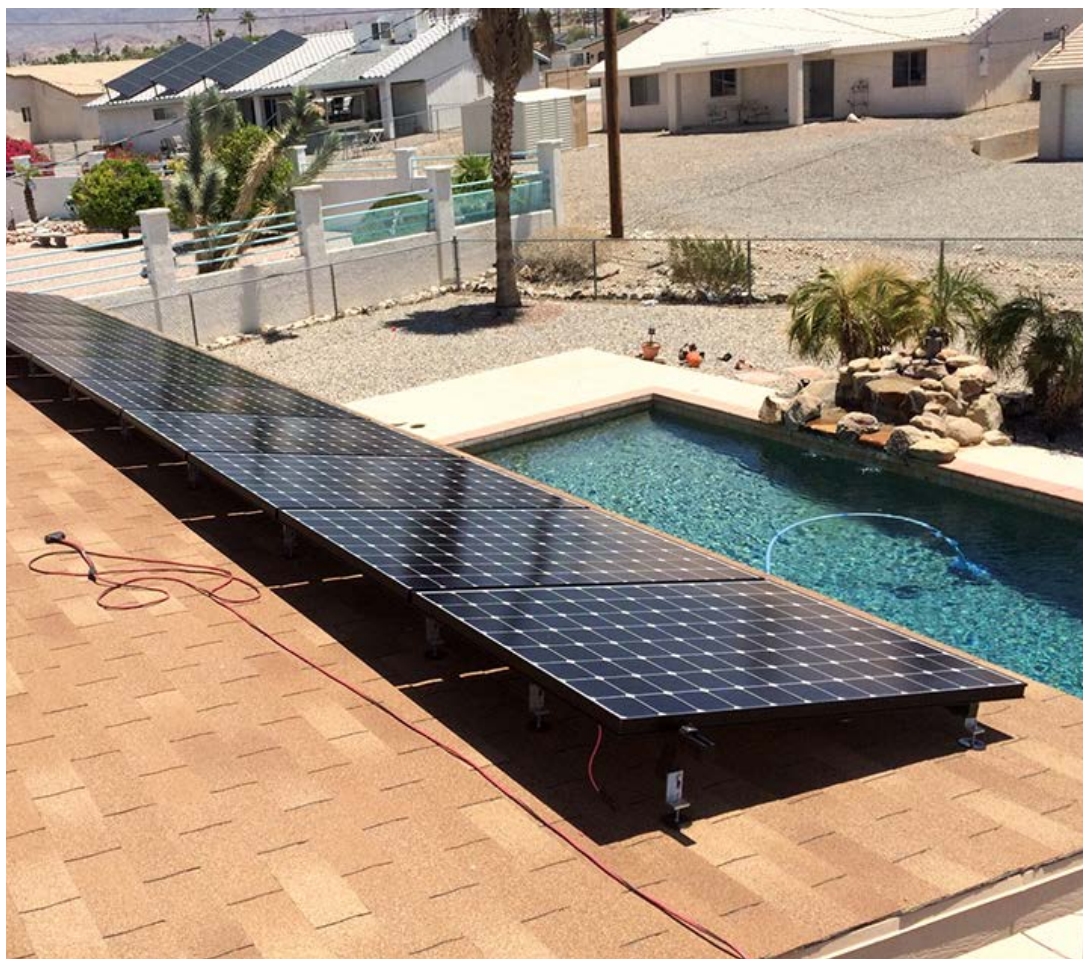


17961

BLACK SPLIT TOP LOW PROFILE L-FOOT FOR QB2 FOR ASPHALT, EPDM, & TPO ROOFS PATENT # 8448407



A DIVISION OF QUICKSCREWS INTERNATIONAL CORP

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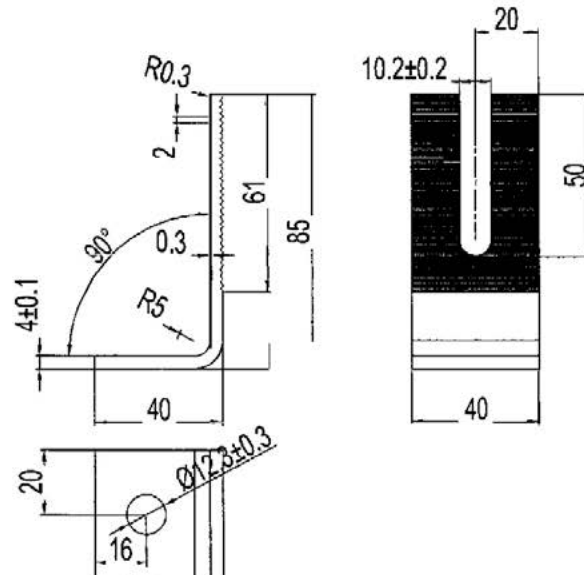
STEP-BY-STEP-INSTALLATION GUIDE

SPEC SHEET

Part #	Box Quantity
17961	Low Profile Black Split Top L-Foot (25)



PN# 17961



Baiting tolerance	±2 mm
Hole tolerance	±0.5 mm
Hole distance tolerance	±0.5 mm
Form tolerance	±2 mm
Thickness tolerance	±0.1 mm
Angle tolerance	±1°

Design		Scale	Quantity
Drawing		Material	SUS304
Confirm		Drawing No.	
Verify		Finish	

INSTALL INSTRUCTIONS

BLACK SPLIT TOP QB2 (17962)

RECOMMENDED MATERIALS

- Tools to locate and mark rafter
- Drill with a 15/64" drill bit
- MFG approved sealant (optional)
- 1/2" Nut Setter

INSTALLATION INSTRUCTIONS

1. Locate and mark the rafter
2. Predrill the hole
3. Optional: Fill the predrilled hole with MFG approved sealant
4. Optional: Place a ring of sealant around the bottom of the Microflashing® washer
5. Place the Microflashing®
6. Insert the Bolt into the L-Foot
7. Drive the Bolt until the Microflashing® is compressed

Use a minimum torque of **150 in-lbs** to properly compress Microflashing® when installing QB2.

The Bolt will compress the Microflashing® and when fully compressed the L-Foot will not rotate.



1



2



3



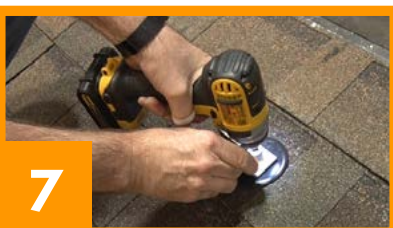
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5



6



7



INSTALL INSTRUCTIONS CONT.

CRITICAL PLACEMENT: BUTT JOINTS & KEYWAYS

The Microflashing® must be evenly compressed against the shingle surface to seal correctly. At most installations points this occurs normally. However, extra care is required when the mounting location falls over a butt joint or keyway (ridges or gaps in the shingle surface).

The installer is responsible for determining the best method to create a flat, even surface for the Microflashing®, either by adjusting mount location or addressing the shingle condition as appropriate.

SHINGLE OVERLAPS & RIDGES

- Do not place the Microflashing® directly over butt edges or overlapping shingles.
- Edge overlaps create ridges that prevent even compression.

Preferred approach:

Whenever possible, adjust the mount location up or down so the Microflashing® can sit fully flush on a flat shingle surface, either below the edge/overlap or fully onto the upper shingle, allowing the entire flashing to seat evenly.

If the mount location cannot be moved:

The installer must determine the best method to create a flat, supported surface. Options to consider include:

- Add sealant above the mount — when installing where two shingles meet, add a bead of sealant in the gap between the shingles on the sky-side (the uphill side) of where the Microflashing® will sit. This ensures water sheds properly above the mount.
- Sliding the Microflashing® under the upper shingle, or
- Trimming the shingle as needed so the Microflashing® can sit flat and fully supported.



INSTALL INSTRUCTIONS CONT.

KEYWAYS (3-TAB SHINGLES), GAPS AND CHANNELS

- Do not span a keyway gap or butt joint channel with the Microflashing®.
- Keyways and channels are designed to shed water and must remain open to function correctly.

Preferred approach:

Whenever possible, adjust the mount location so the Microflashing® sits entirely on solid shingle, clear of a channel, allowing full, even compression.

If the mount location cannot be moved:

The installer must determine the best method to create a flat, supported surface. Options to consider include:

- Sealing the channel to create a continuous surface even with the surrounding shingles, then installing the Microflashing® flat over the sealed area.

ENSURING PROPER COMPRESSION

- Use the torque specified on page 7 to ensure the fastener is fully compressed
- The Microflashing® should always form a smooth, even concave shape with no gaps, lifting, or uneven deformation around its outer edge.

