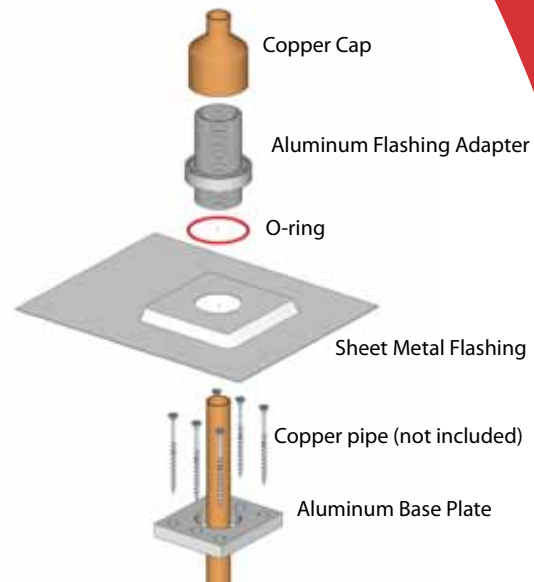


Zilla® Thermal Flashing Installation

Use the following instructions to install the Zilla® Thermal Flashing (patent pending) on asphalt shingled roofs and vertical walls.

Parts included in the assembly:

- Zilla® Base Plate
- Zilla® Flashing
- Zilla® Aluminum Flashing Adapter with a Silicone O-ring
- 3/4" or 1" Copper Caps
- 6 - #10 x 1.5" Spax, wood to wood, zinc plated screws



Parts & Tools needed (in addition to the assembly):

- 1.75" diameter hole saw
- Phillips screwdriver or drill driver with #2 bit

Installation Steps

Step 1 - Create an access hole



- 1: The flashing is designed to slide beneath the shingles above the point of roof penetration. Choose the general area on the roof where you wish to create a hole. Make sure there are no joists or bracing directly beneath where you plan to create your hole.
- 2: Measure 2.5" - 2.625" down from the edge of the upper shingle where you wish to drill and create a center mark for your hole. Use a 1.75" diameter hole saw and drill a hole on your center mark.

Step 2 - Mount the Base Plate



- 3: Place the base plate face down on the shingles with the counter sunk hole features facing up. Center the plate on the hole drilled in the roof. Rotate the base plate so it's square and level with the shingles.
- 4: Use a #2 Phillips head bit to drive the 6 Spax screws into the base plate to screw it into the roof sheathing.

Step 3 - Attach the Flashing



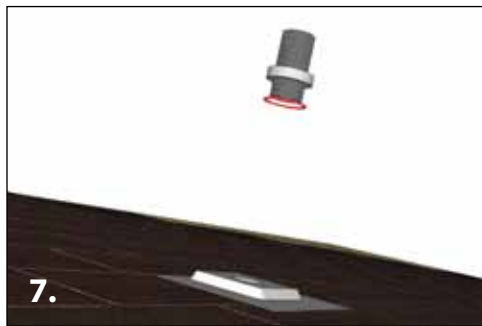
5.



6.

- 5: Slide the longest end of the flashing beneath the shingles directly above the base plate.
6: Keep the angle of the flashing parallel with the roof so you don't disrupt the existing shingles or existing materials. Align the hole in the flashing with the hole in the base plate.

Step 4 - Mount the Adapter, Copper Pipe, and Copper Cap



7.



8.

- 7: Ensure the silicone o-ring is inserted into the channels on the bottom of the adapter and apply a thin coating of silicone grease or vaseline on the exposed surfaces of the silicone o-rings.
6: Thread the shorter end of the adapter through the flashing and into the base plate. Thread until the silicone rubber o-ring is fully seated against the flashing.

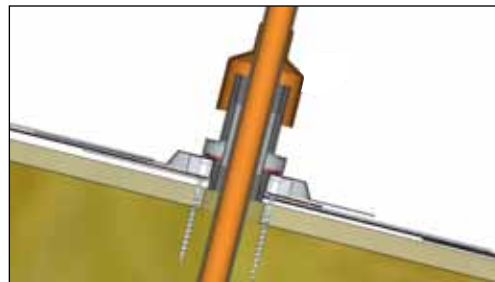


9.



10.

- 9: Insert desired (3/4" or 1") copper pipe (not included) through adapter and attach beneath the roof rim.
10: Place the appropriate copper cap (3/4" or 1") on top of the adapter and sweat the copper pipe to the cap.



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Patent(s) Pending.

Disclaimer: The installer is fully responsible for getting the system verified and approved for all local and state building codes and all Authorities Having Jurisdiction (AHJ). Zilla Corporation assumes no liability whether assumed or implied.
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