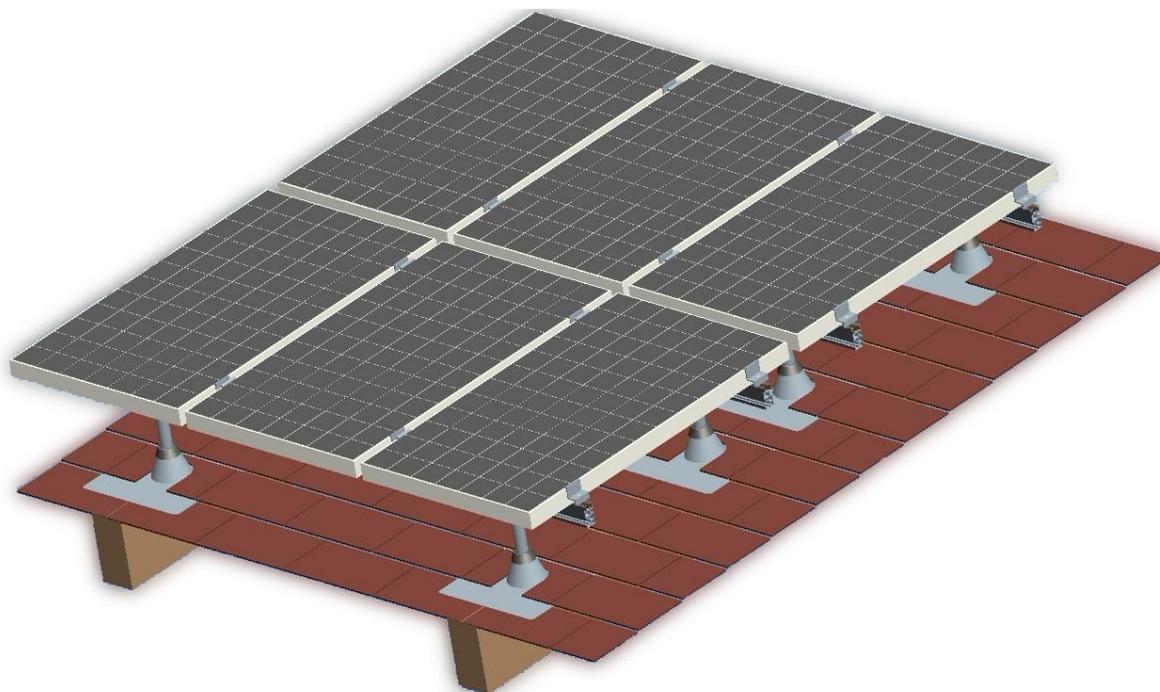# RACWORTH

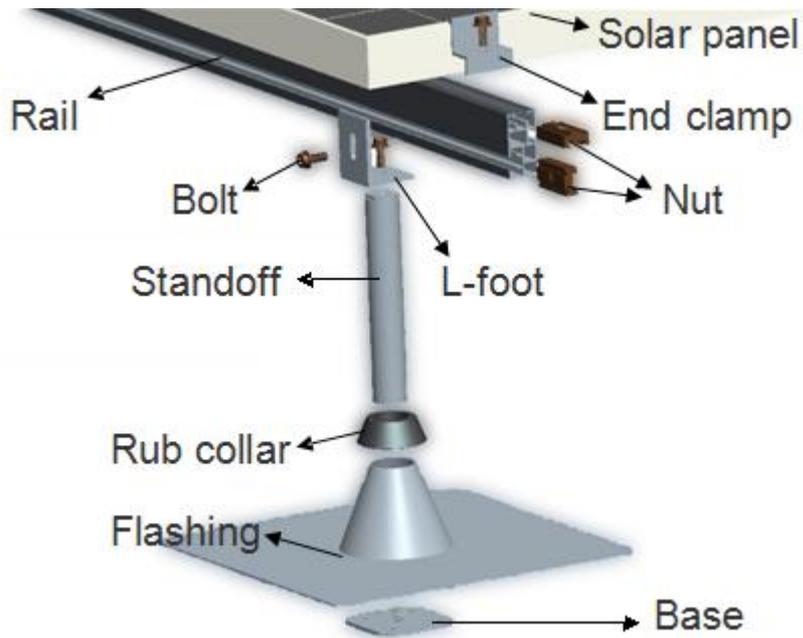## SI Shingle Roof System Installation Manual

The base-standoff plays a vital role when installing the SI Shingle Roof System, and due to having to cut the shingle roof and drill through the rafter, waterproofing becomes an issue. Using flashing and a rubber collar solves this insulation problem. The hollow flashing, which is custom-designed for the base, will exactly overlap with the base. In addition, the rubber collar pushing down on the flashing reinforces the seal, ensuring proper insulation from the elements. Our meticulous design and warranty-covered components will offer peace of mind and satisfaction.
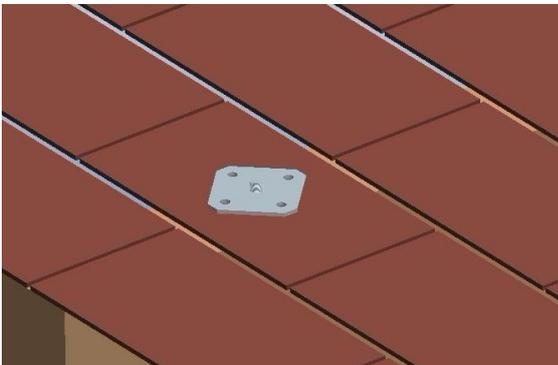
Benefits

* Firmly fixing the base directly onto the rafter and our superior L-foot design ensure the mounting system can resist bad weather.

* Reliable leakage protection system, unique flashing design that exactly covers the base underneath and the rubber collar guarantees sealing of the whole system.

* Complete technical support and friendly after-sales service.

Components
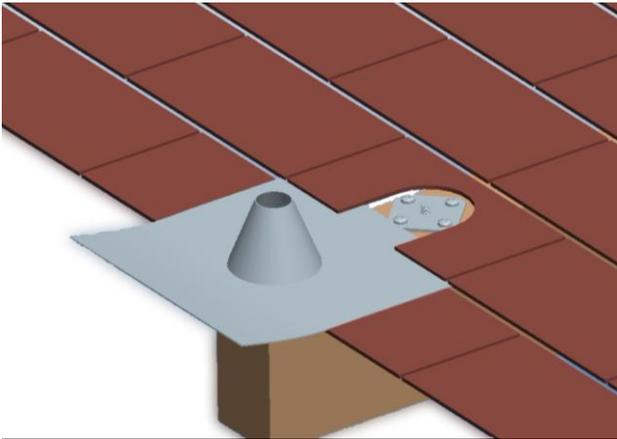

Installing SI Shingle
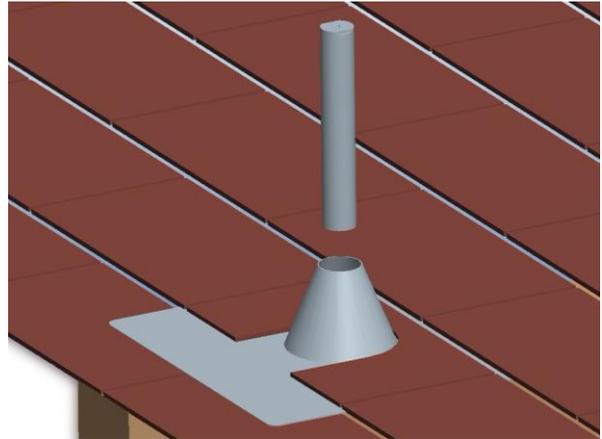

1. Place the base plate on the center of the rafter.

2. Attach the base to the roof by placing screws in and tightening them.
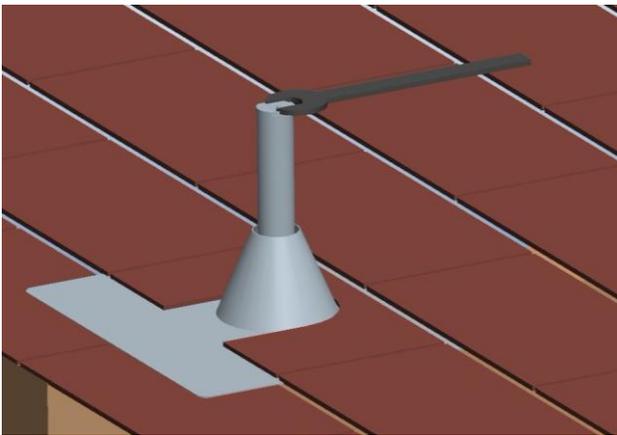

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3. Properly cut the shingle by using the flashing template and a roof-cutting blade.
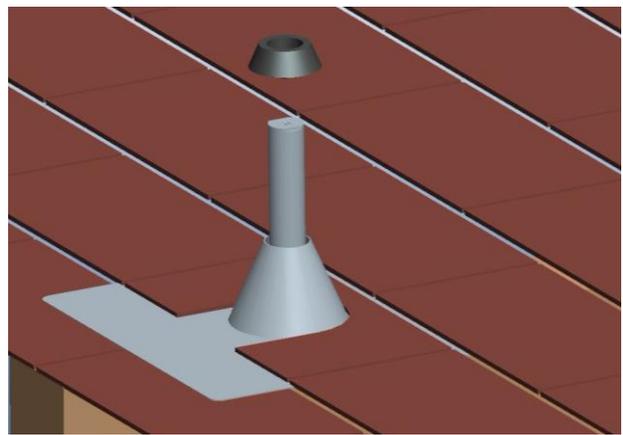
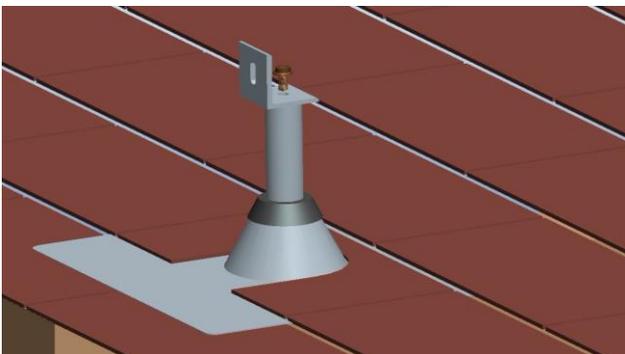4. Slide flashing over the base and under the respective shingle.

5. Thread the standoff through the flashing into the base, making sure it is located in the center of the base.
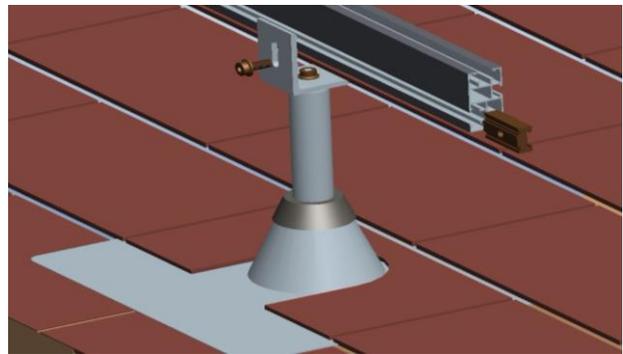

6. Tighten the standoff onto the base by gripping it with pliers and turning clockwise.
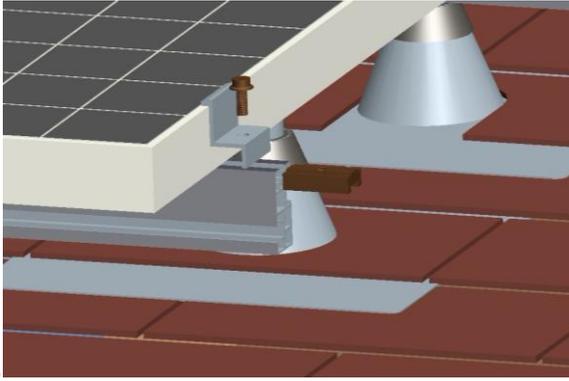

7. Push down the rubber collar as far as possible and press it onto the flashing to ensure proper sealing.
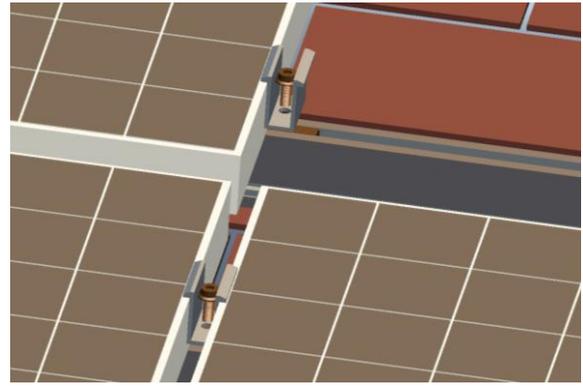

8. Fasten the L-foot to the top of the standoff by placing in a bolt and fastening it securely.

9. Insert a nut into the groove of the rail and tighten the hex bolt to attach the rail.
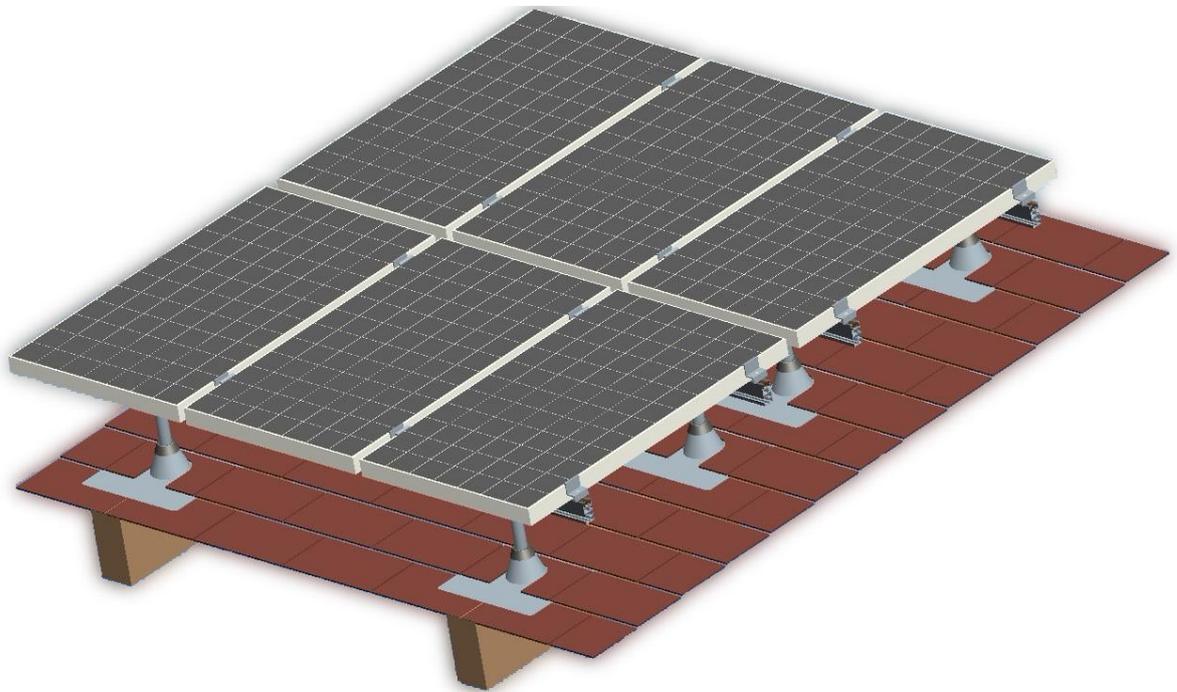
10.1

10.2

10. Put solar panels on the rail and attach it to the rail with and end clamp (10.1) or a mid clamp (10.2) - insert a nut into the rail and tighten the bolt.

11. Secure the other solar panels to the roof by repeating the steps listed above.