



Step 1 – Attach the Mounting Posts



- First the tile is temporarily removed from where the posts will be attached; then the posts are attached with two 3 ½" lagbolts to the roof rafters below



Step 2 – Waterproof the Penetrations



- Next the area that the post sits on the felt is thoroughly coated with waterproof material to prevent leaks into the roof below



Step 3 – Set the Flashing in Place



- Then, special flashing is placed over the posts, and the edges are curled up for further protection before most of the tiles are replaced



Step 4 – Notch and Replace Tiles



- With the flashing in place, the last tiles are carefully notched if needed to fit around the post, and replaced on top the flashing



Step 5 – Place the Flashing Collar onto Post



- A special, rubber collar is then placed on top the post to ensure that water does not run down between the sides of the post and the flashing



Step 6 – Paint the Post and Attach Rails



- The mounting post and flashing are painted to match the tiles, then the UniRac Solar Mount rails are bolted onto each post



Step 7 – Splice the Rails Together



- For long runs of solar panels, UniRac splice kits are used and the rail ends are bolted together with metal plates to form a longer run



Step 8 – Ready for Attaching the Solar Panels



- The completed assembly of posts and rails, spliced where needed, is now ready for the placement and bolting of the solar panels (6 kW size array seen here)