

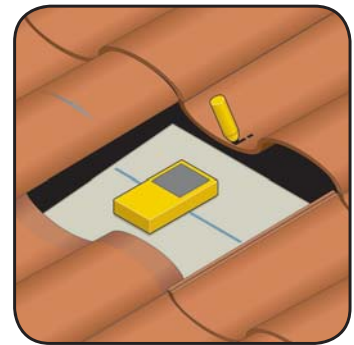
Installation steps for both s-curve and flat concrete tile*



STEP 1: Select a tile in the area of the roof rafter.



STEP 2: Remove the tile by pushing and pulling. It is usually held in place by a small nail.



STEP 3: Using an electronic stud finder (recommended), or other means, locate the rafter center. Mark a reference point on the tile above.

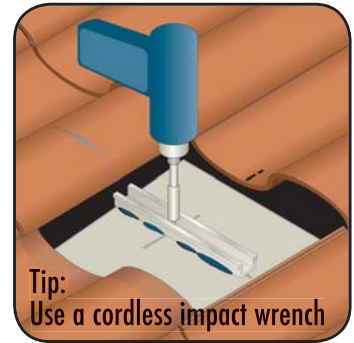


Drill 3/16" pilot hole.

Step 4: Seal the initial tile nail hole. Using a 3/16" drill bit and drill guide (FJ-Drill), drill pilot hole along the rafter center



Step 5: Insert the lag bolt and washer through the TileTrac® and apply fresh compatible sealant to the base.



Tip:
Use a cordless impact wrench

Step 6: Using a 1/2" socket, install the lag bolt until seated. Do not overtighten. The sealant should flow outward sealing any holes.



Step 7: After bolting the base to the roof, slide the upper carriage into the correct position under the crown of the tile. For Flat tile, slide the upper carriage near the middle of the tile.

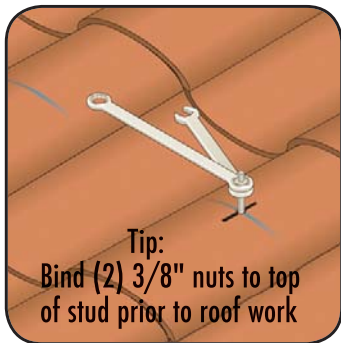


Step 8: Replace the tile by lining up the snap lines and mark the drill location accordingly.



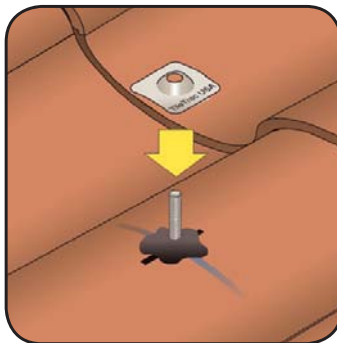
Use a Rotary Hammer drill for a 5 second drill time.

Step 9: Using a 1/2" carbide drill bit and ROTARY HAMMER DRILL in hammer mode, drill through the tile. See online video at www.prosolar.com for details.

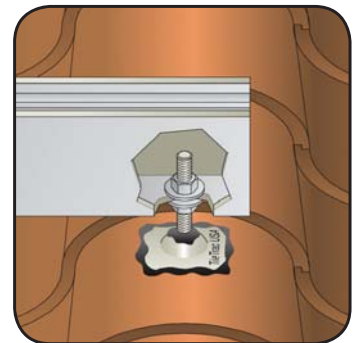


Tip:
Bind (2) 3/8" nuts to top of stud prior to roof work

Step 10: Insert threaded stud through tile and hand-tighten to engage with base. Bind two 3/8" nuts (included) using 9/16" wrenches and tighten.



Step 11: Unbind nuts and remove from stud. Apply sealant around stud at tile opening and compress with Stainless Steel flashing (included) until seated.



Step 12: Fasten rail with lower and upper 3/8" nuts/washers as shown.

*Not recommended for clay or slate tiles.