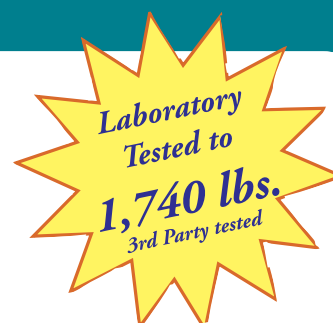




TileTrac®

Pat. #5,746,029

Tile Roof Structural Attachment



The patented TileTrac® attachment device allows for a structural connection to a roof rafter while maintaining full stud location adjustability. This design is the most efficient in maintaining a tight water seal and allows the installer the flexibility to move the stud to the best mounting location.

Available for Tile and Composition Roofs!

TileTrac for Tile Roofs

Recommended for concrete tile roofs. Box of 18.

Part# TT-18T



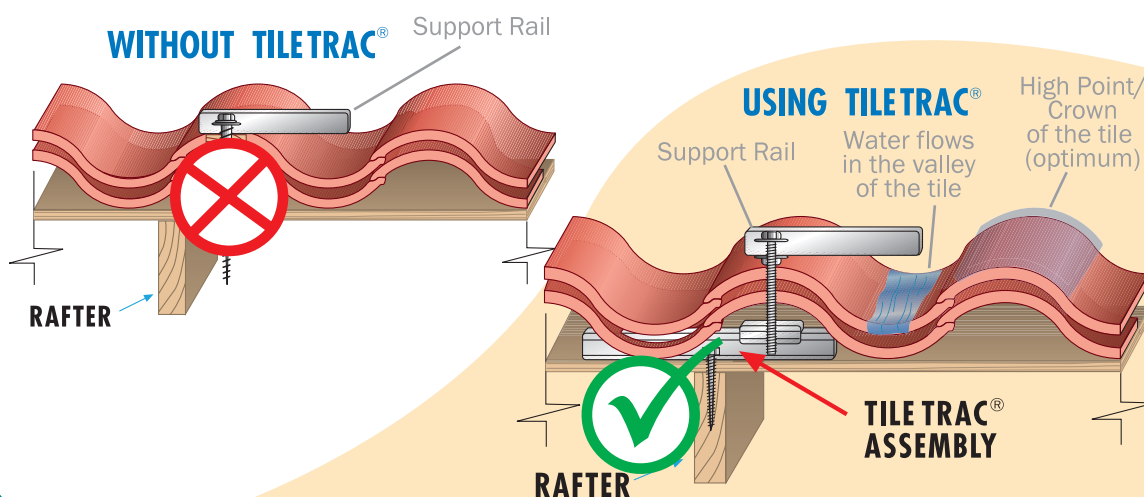
Photos courtesy of American Solar Electric

Benefits of the TileTrac®

- 9 years of industry preferred design
- Single stainless steel lag bolt patented design (lag bolt included)
- 1,740 lbs. of lab tested strength!
- 10 square inches of base evenly distributes roof load and provides large surface area for sealant bonding
- Allows for structural attachment to the rafter while positioning the stud at the optimum location - the high point of the tile.
- Saves installation time and labor costs - only requires the removal of 1 tile to install
- Aesthetically pleasing low roof profile design

Design of the TileTrac®

The TileTrac was designed to provide a structural attachment to the rafter while positioning the leveling stud at the optimum location - the high point of the tile.



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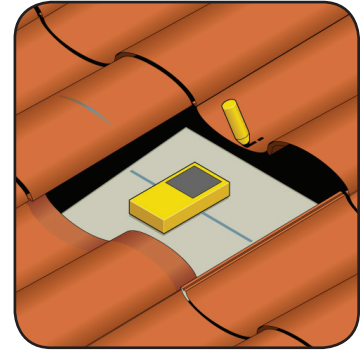
www.prosolar.com



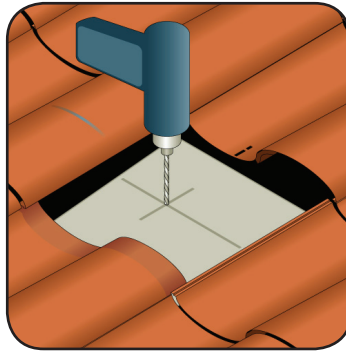
Step 1: Select a tile in the area of the roof rafter.



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.



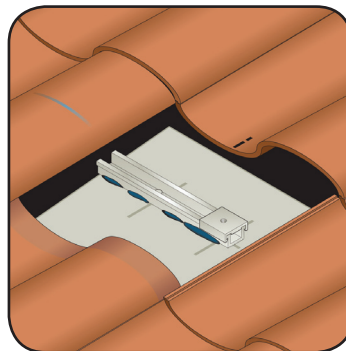
Step 4: Apply sealant to the hole that held the tile in place. Using a 3/16" drill bit, drill pilot hole(s) along the rafter center.



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



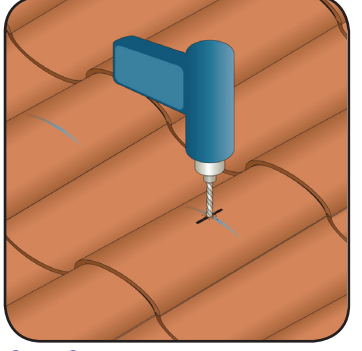
Step 6: Using a 1/2" socket, install the lag bolt until seated. Be careful not to strip lag bolt. Sealant should flow outward sealing any holes.



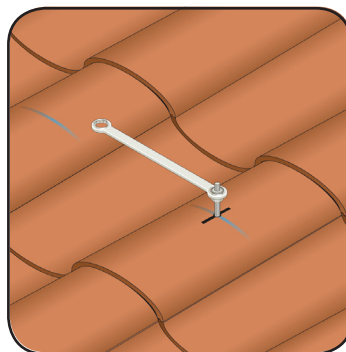
Step 7: After bolting the base to the roof, slide the upper carriage into the correct position under the crown of the tile.



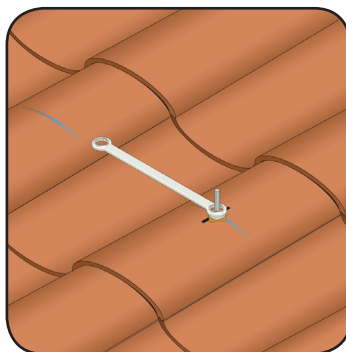
Step 8: Replace the tile by lining up the snap lines. The tile is now ready to be marked and drilled.



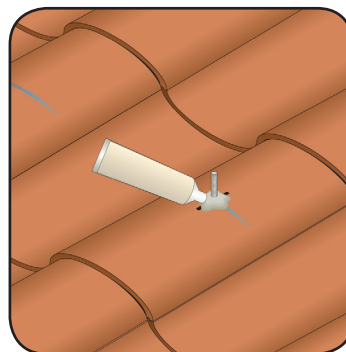
Step 9: Using a 3/8" carbide drill bit and a rotary hammer, drill through the tile at the intersection of the chalk line and the reference marks.



Step 10: Insert the threaded shaft through the tile and into the upper carriage. Bind two 3/8" nuts (provided) using two opposing 9/16" wrenches.



Step 11: Apply UV rated sealant around the threaded shaft and compress with a 3/8" washer (included).



Step 12: Apply UV rated sealant around the top of the washer to complete the seal. Now the tile is completely waterproof.

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