TileTrac®

Patent #5,746,029

MADE IN U.S.A PRODUCT

UL2703*

Intertek 4007217

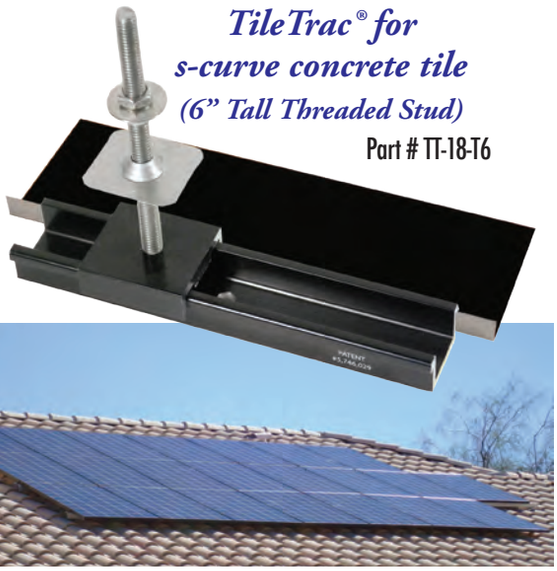
Tile Roof Structural Attachment

The patented TileTrac® attachment allows for a structural roof rafter connection with optimal attachment stud location adjustability. Design results in the best looking systems in the industry.

TileTrac® for s-curve concrete tile

(6" Tall Threaded Stud)

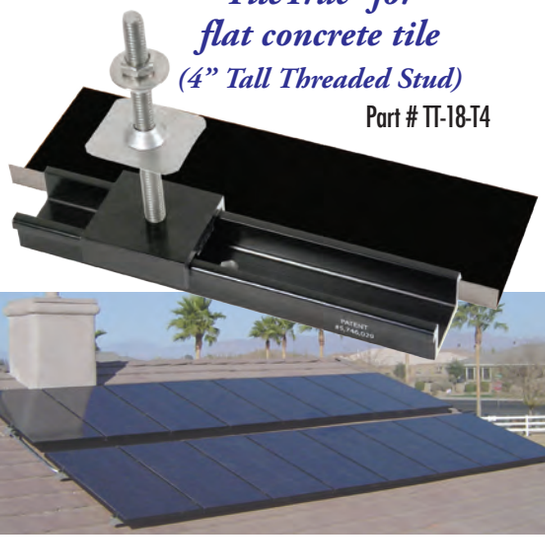
Part # TT-18-T6



TileTrac® for flat concrete tile

(4" Tall Threaded Stud)

Part # TT-18-T4



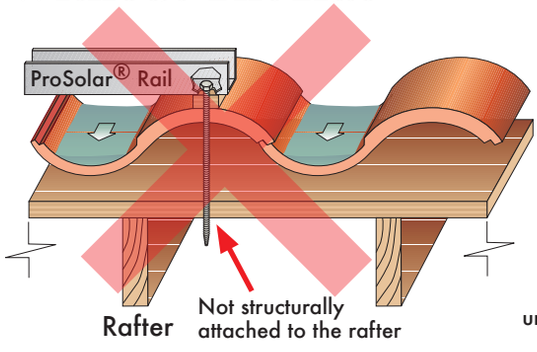
Benefits of TileTrac®

- Easiest and lowest cost waterproof tile roof attachment
- Over 15 years of industry preferred single lag bolt design
- 3rd party lab waterproof and load tested
- Compression sealed at underlayment and top of tile
- Includes aluminum subflashing for double flashing
- Includes Stainless Steel tile flashing and lag bolt
- Aluminum and Stainless Steel exposed components for maximum corrosion resistance and strength
- Large roof surface contact area evenly distributes load
- Used with ProSolar® RoofTrac® rail

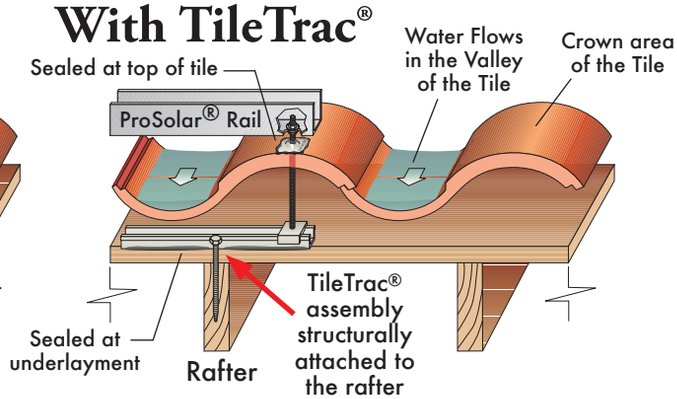
The TileTrac® Design

Structurally attaches to roof rafter and allows the ProSolar® RoofTrac® rail attachment stud to be located at the strongest area of the tile (the crown area) where water does not flow.

Without TileTrac®



With TileTrac®



*As load tested with ProSolar® RoofTrac® System

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View more info on our website at:

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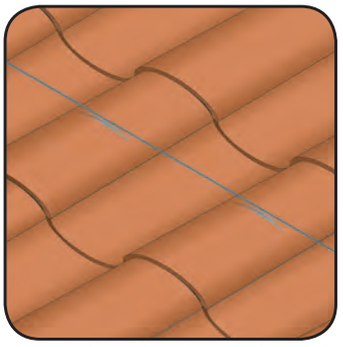
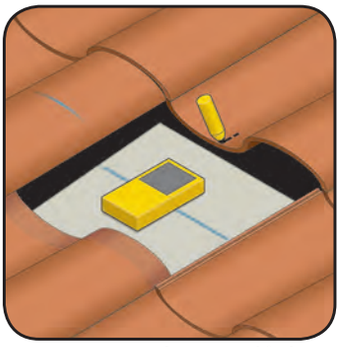
*Installation steps for both s-curve and flat concrete tile**

per UL2703 reference installation

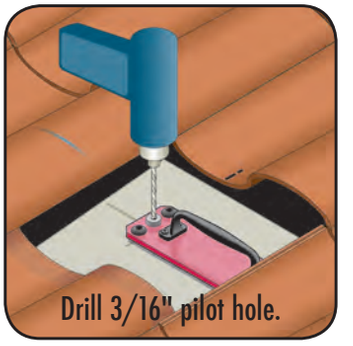


STEP 1: Select a tile in the area of the roof rafter.

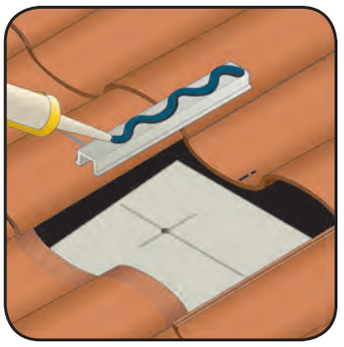
STEP 2: Remove the tile by pushing and pulling. It is usually held in place by a small nail.



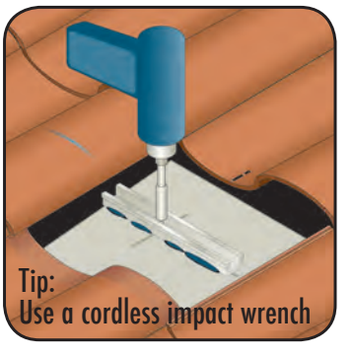
STEP 3: Using an electronic stud finder (recommended), or other means, locate the rafter center. Mark a reference point on the tile above.



Step 4: 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.



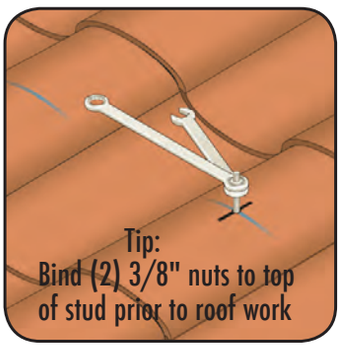
Step 6: Fasten lag screw until seated. Do not overtighten. The sealant should flow outward sealing any holes.

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.

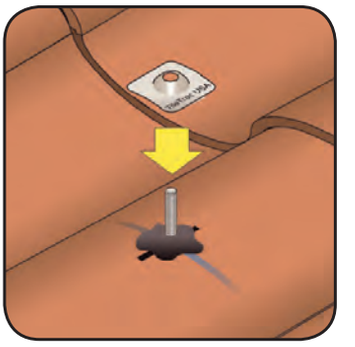
Step 8: Install subflashing and seal as needed if double flash is desired.

Step 9: Replace the tile by lining up the snap lines and mark the drill location accordingly.

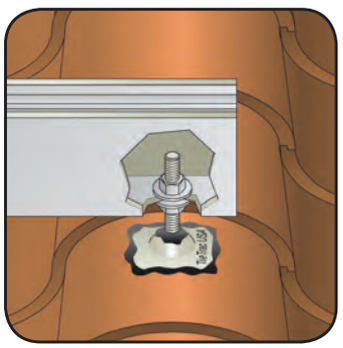
Step 10: Using a 1/2″ carbide drill bit and ROTARY HAMMER DRILL in hammer mode, drill through the tile. See online video at *www.prosolar.com* for details.



Step 11: 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 12: Unbind nuts and remove from stud. Apply sealant around stud at tile opening and compress with Stainless Steel flashing (included) until seated.



Step 13: Fasten rail with lower and upper 3/8" nuts/washers as shown.

*Not recommended for clay or slate tiles. TileTrac® tested and approved for use only with the ProSolar® RoofTrac® rail mounting system.