



# Tile Trac

**STARTING AT LESS THAN \$6 EACH!**

TILE TRAC® is a perfect solution for the following photovoltaic (PV) mounting applications:

**1) S-Curved**

**concrete tile roofs**

**2) Surface mount for pitched composition shingle roofs**

**3) Surface mount for flat roofs**

**PATENT #5,746,029**

TILE TRAC® was originally designed and patented for the solar thermal industry by Professional Solar Products (Camarillo, CA). The TILE TRAC® mounting system solved the problem of attaching solar panels on concrete tile roofs. As many installers in the American Southwest and Florida already know, tile roofs is a popular choice of roof covering in new home construction.

Working closely with engineers from major PV manufacturers and suppliers, we have developed a complete installation product. TILE TRAC® will quickly and economically install PV modules on residential roof tops. The installation standards set by these professionals consisted of a structural load rating of at least 50 pounds per square foot (125 MPH) and a system that will allow modules to be installed from the front. The system had to be economical, easy to install, resistant to corrosion and be architecturally attractive. Based upon these standards, we hope to make TILE TRAC® mounts and accessories the new standard for attachment of PV modules on residential roof tops.

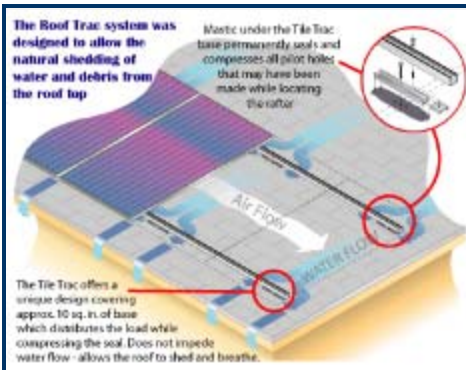


The Tile Trac® with a tile roof.  
Photo courtesy of Advanced Solar Electric



The Tile Trac® keeps a low 3" profile to composition roof-tops.

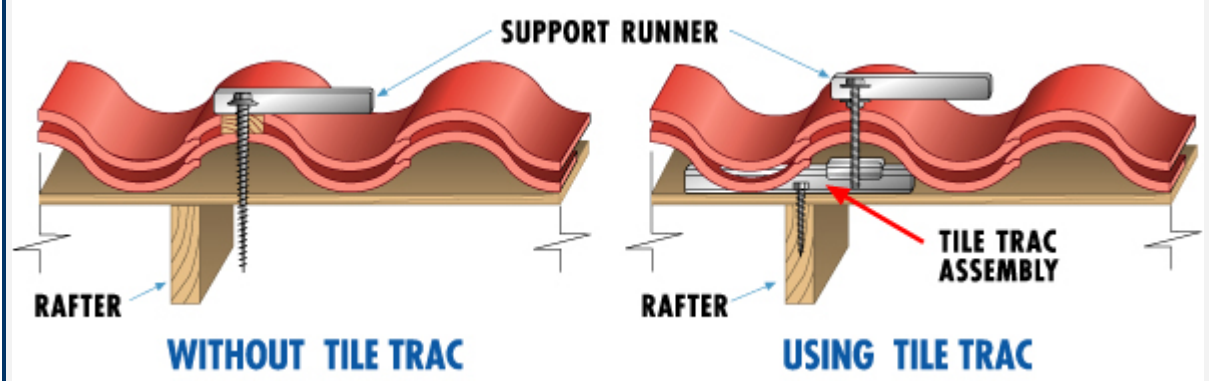
Photo courtesy of Advanced Solar Electric,



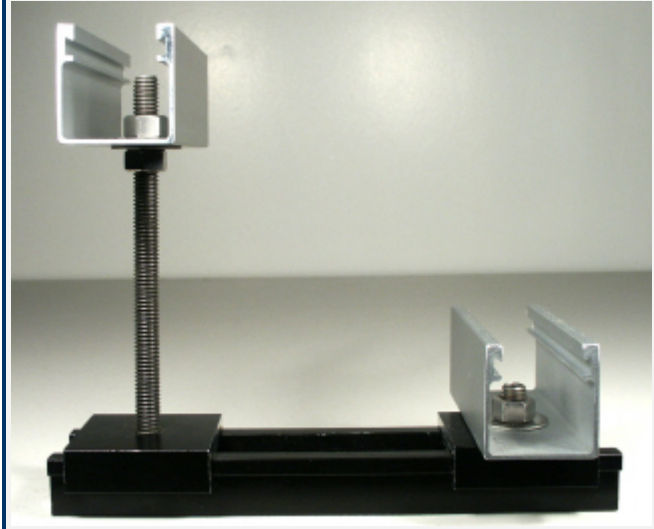
(CLICK IMAGE FOR LARGER VIEW)

The Tile Trac was designed to provide a 10 square inch base to spread the load for top-mounted installations without trapping water and/or debris on the roof.

The Tile Trac also provides enough space (3" with the short stud on a flush mounted project) between the module and the roof to ensure the roof and modules can "breathe" properly.



As illustrated to the left, the Tile Trac® creates a more safe and structural way to attach the Roof Trac™ system to a tile roof. Because the weight of the system is shifted off the tile and onto the rafter, there is a significantly reduced chance of broken tiles. Plus, the Tile Trac allows the installer to adjust the height in the array to compensate for un-even roof-tops.



**DESIGNED TO FULLY INTEGRATE WITH THE ROOFTRAC MOUNTING SYSTEM**

The Tile Trac® attachment system is fully integrated with our aluminum "C" channel to conceal hardware inside the channel. For both tile and composition roof-tops. Attachments look clean and professional.

Illustration shows a long stud to the left. Normally this application is for installation on a tile roof.

The lower application to the right illustrates how the Tile Trac is used as a top-mount on a pitched composition roof. This installation technique keeps the modules lowest to the roof for an aesthetically pleasing array while maintaining proper air flow and drainage standards.