

TRITEC

ENERGY FOR A BETTER WORLD

TRI-STAND

The smart insertion system for PV systems on tiled roof.

- simple
- aesthetic
- efficient

The main advantages:

- Floating rooftop system, therefore no thermal separation necessary
- Simple, quick and efficient installation
- Considerable time and thus cost saving
- Optimum load distribution and stability
- Suitable for all common framed solar modules

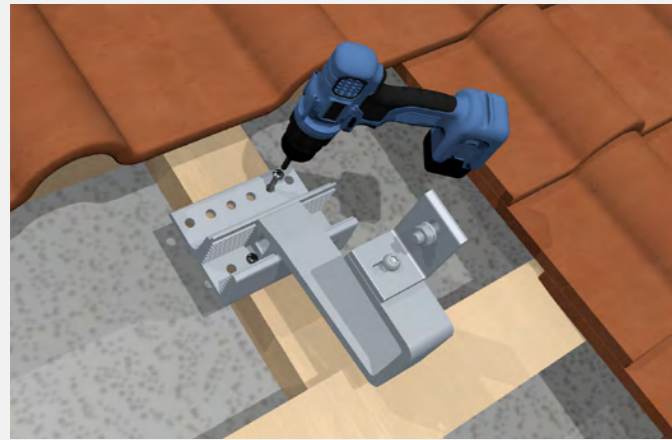
www.tritec-energy.com

TRI-STAND FOR TILED ROOF

This way you easily increase your efficiency

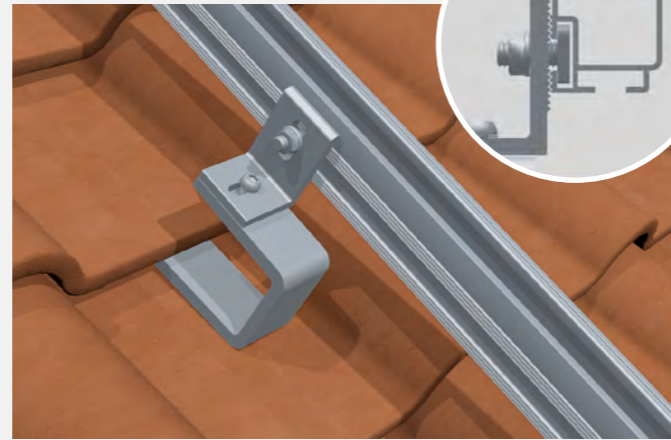
Realize your projects in an unbeatably short time: The smart planning software, the few components and the patented SafeClick assembly enable an extremely quick, safe and simple installation of the PV insertion system TRI-STAND on the roof. The PV modules are easily inserted into the insertion profiles and are held in place by their own weight. Additional fastening of the modules is completely unnecessary.

TRI-STAND is installed in just a few steps



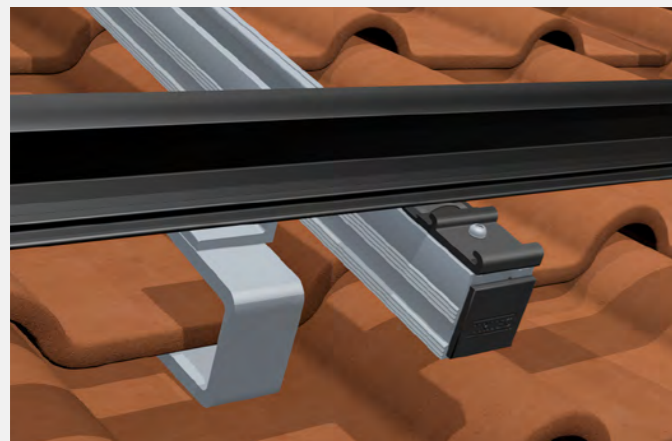
1. Mounting the roof hook

After checking the substructure of the roof for its point load bearing capacity, the roof hooks are mounted according to the design plan.



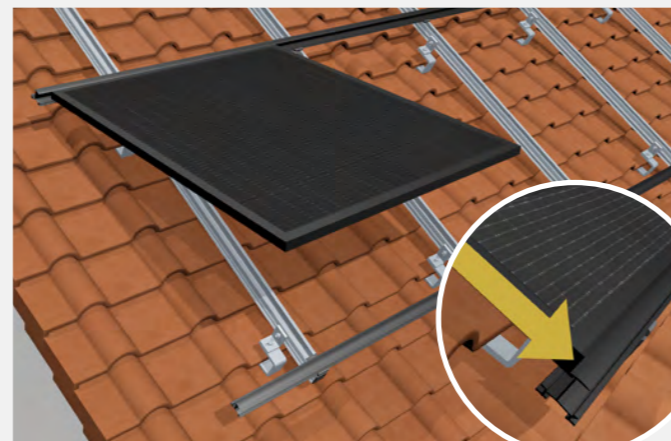
2. Mounting the base profile (UP-X)

The pre-assembled profiles are then securely installed on the roof hooks with the M10 hammerhead screw.



3. Clicking the TS insert profiles into the SafeClick

The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



4. Inserting the modules into the TS insertion profiles

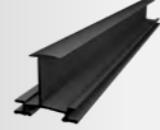









The modules are inserted into the insertion profiles and are held in place by their own weight - there is no need for additional fastening.

THE SYSTEM COMPONENTS

Extremely fast assembly with few components

With TRITEC you have the choice: Many components of the PV insertion system TRI-STAND are available in the colour selection „black“ and „blank“ (aluminum silver). Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.

Colour key: ● black | ● blank

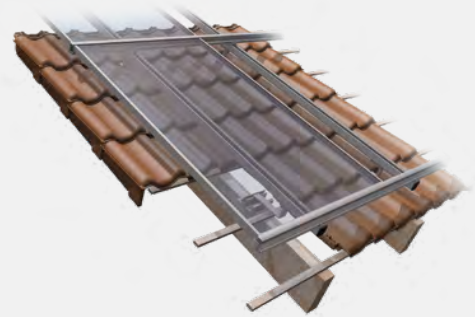
 <p>TRI-STAND insertion profile</p> <p>Standard</p> <ul style="list-style-type: none"> variants: TS-30/32/35/38/40 colour selection black / blank available in different lengths* 	 <p>TRI-STAND end profile</p> <p>Optional</p> <ul style="list-style-type: none"> variants: TS-30/32/35/40 colour selection black / blank available in different lengths* 	 <p>TRI-STAND universal profile UP-X 3,70 m</p> <p>Standard</p> <ul style="list-style-type: none"> item no.: 1503352 other lengths on request* 	 <p>TRI-STAND universal profile connector UP-CX</p> <p>Standard</p> <ul style="list-style-type: none"> pre-assembled incl. hammer head bolt item no.: 1502220
 <p>TRI-STAND SafeClick-Torx</p> <p>Standard</p> <ul style="list-style-type: none"> black, item no.: 1502963 blank, item no.: 1502870 	 <p>TRI-STAND insertion profile connector TS-C</p> <p>Standard</p> <ul style="list-style-type: none"> black, item no.: 1502417 blank, item no.: 1502216 	 <p>TRI-STAND end bracket TS-E</p> <p>Standard</p> <ul style="list-style-type: none"> black, item no.: 1502307 blank, item no.: 1502214 	 <p>TRI-STAND end cap for UP-X profile</p> <p>Accessories</p> <ul style="list-style-type: none"> item no.: 1503185
 <p>TRI-STAND roof hook PRO</p> <p>Standard</p> <ul style="list-style-type: none"> item no.: 1503402 	 <p>TRI-STAND roof hook PRO PLUS</p> <p>Standard</p> <ul style="list-style-type: none"> item no.: 1503403 		
 <p>TRI-STAND roof hook PLUS</p> <p>Standard</p> <ul style="list-style-type: none"> bracket, Item no.: 1502982 plate 40/28, Item no.: 1502983 plate 49/37, Item no.: 1502984 plate 55/43, Item no.: 1502985 	 <p>TRI-STAND roof hook BASIC</p> <p>Standard</p> <ul style="list-style-type: none"> item no.: 1503094 	 <p>TRI-STAND roof hook BASIC adjustable</p> <p>Standard</p> <ul style="list-style-type: none"> item no.: 1503146 	

* Information on lengths and part numbers on request

LEARN MORE

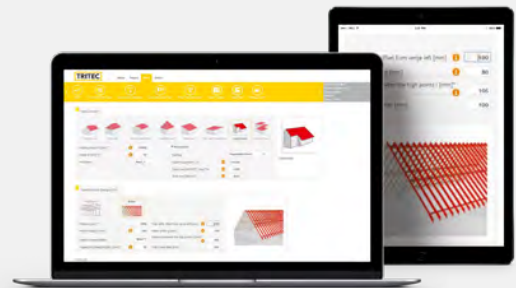
Videos, planning and contact

TRITEC



Simply scan the QR code or visit the following link to get more information about TRI-STAND for tiled roof, such as installation video, installation instructions and references.

www.tritec-energy.com/en/pv-mounting-systems/tiled-roof/



Just scan the QR code or visit the following link to watch the training video on our TRI-DESIGN planning software.

www.tritec-energy.com/en/training/tri-design-basic/

The optimal mounting solution for every roof

TRITEC mounting systems combine over 30 years of photovoltaic experience. Our own products TRI-STAND, TRI-ROOF+, TRI-CLIP and TRI-FLAT Easyspeed offer optimum PV mounting solutions for the various requirements of different roof types and alignments. We attach great importance to the high-quality processing of the components as well as to the durability of the substructure.

Further information and the download of the assembly instructions you will find on our homepage www.tritec-energy.com.

Or just talk to us directly. Our experts are at your disposal to answer all your questions.

Contact

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