

Quality and safety

We guarantee our clients that all profiles and accessories manufactured under the original label TRI-VENT, have a 5 year manufacturer's guarantee from the delivery date, regarding soundness and technical functional capability.

For the complete Guarantee Certificate and the Certificate of No Objection, visit our web site at www.tritec-energy.com/tri-vent-en

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Company stamp:

TRI-VENT the photovoltaic mounting system for trapezoidal sheet roofs

- Quick and easy installation
- Riveting instead of glueing
- Securing without screws
- Cost-effective alternative



Taking into consideration different loads
Photovoltaic systems are exposed to strong forces: In addition to their own weight, the system components and sub-structure experience great wind forces and snow loads. To withstand such forces, each system is calculated and designed according to the respective conditions.

Guaranteeing safety
To have a photovoltaic system installed, roofs must meet two basic conditions: **1.** Statics must be checked by authorised specialists. **2.** The roof must be in such a good state that it will not have to be renovated for at least 20 years. TRI-VENT is tested for loads and statics and meets the requirements of DIN 1055-4.

Quick and easy installation
The mounting system TRI-VENT is characterised by its great flexibility, good installation features and great safety. The mounting system was specifically designed for trapezoidal sheet roofs and allows for both vertical and horizontal installation of solar modules.

Riveting instead of glueing
The profiles are only 15–40cm long, the components are handily packaged. This ensures the simple and uncomplicated transport of the system to and onto the roof. TRI-VENT is installed on the roof in the most simple way possible and with the necessity of only a minimum of tools. Having measured the roof and drilled the holes, the TRI-VENT support profiles are riveted to the roof.

Securing without screwing in
Then the modules are inserted, followed by the module armatures, and then they are secured at the end of each row, using the TRI-VENT bending tool. Tiresome screwing in is completely dispensed with. The short profiles only expand very little with temperature fluctuations and thus prevent stress damage to the roof.

Cost-effective alternative
Due to its low material and labour requirements, TRI-VENT is the cost-effective alternative to other mounting systems.