

TECTOSUN 3

The mounting system for all standard roof-mounted applications



Reliable Phoenix Solar quality. Top installation properties.

TectoSun 3 is the successor to our proven Tecto-Sun mounting system. We have developed the system based on our comprehensive expertise as a photovoltaic system provider, whereby we focussed on our customer requirements for optimised product and installation properties. The result is not just impressive, it is already fit for the future.

Large selection.

A wide-ranging but manageable selection of pre-assembled roof hook sets and rail sizes make the planning much easier. This simplifies and facilitates both the project orders and storage.

You can rely on this.

Simple height adjustment, positive and frictional locking to non-load bearing parts as well as easily fixed module clamps are all important innovations that simplify the work. There are no hollow chambers on the rails that can cause them to freeze up. High quality materials (aluminium and stainless steel) ensure reliability and a long service life.

Saving time saves money.

The pre-assembly and improved installation properties considerably reduce the required installation time. Furthermore, you only require standard tools.

The special features at a glance:

- **High versatility**
For all roof mounted standard applications
- **Practical properties**
Simple height adjustment, using positive and frictional locking on non-load bearing parts and easily fixed module clamps
- **Simplified installation**
Pre-assembled components and installation with standard tools
- **Durable quality**
High quality aluminium and stainless steel components at an attractive price



QUICK AND EASY INSTALLATION – SAVES TIME AND MONEY



Various roof hook sets are available that are suitable for both standard and XXL tiles as well as different batten sizes:

Fixing: SPAX screws
Material: stainless steel 1.4301
Material thicknesses: 6 and 8 mm
Heights (for battens): 25, 45 and 55 mm
Lengths: 110 and 140 mm

- Height adjustment via metal washers
- Pre-assembled roof hook clamps
- Special fixing sets available for corrugated fibre cement and trapezoidal sheet metal roofs



Rails for different applications:

Material: aluminium 6060 T66
Material thicknesses: 1.2 mm (standard) and 2 mm (Plus)
Lengths: 4.15 and 6.15 m

- Pre-assembled rail cross-connector
- Special rails for laminates (First Solar, MiaSolé)
- Cable routed via clamps on the module
- Optionally integrated cable duct



Compact and pre-assembled module clamps:

Clamp material: aluminium 6060 T66
Nut material: stainless steel 1.4301
Design: one module middle clamp for all module frame heights, suitable module end clamps for various module frame heights

- Simplified screwing enables quick installation

You can find a detailed overview of all components in the brochures “TectoSun 3 / TectoSmart rail & module fixings” and “TectoSun 3 roof fastenings” as well as in the price list. The installation instructions provide you with helpful assembly tips.

Doubly secure – TÜV- and RAL-tested

Double safety for your protection: TectoSun 3 bears the RAL seal of quality and is TÜV-tested. Phoenix Solar thus offers you especially high quality and reliability. All components have been tested by an independent structural engineer in terms of their resistance to wind and snow loads.

Located in Sulzemoos near Munich, Germany, Phoenix Solar AG is an internationally leading photovoltaic systems company. Many years of experience in planning, constructing and operating their own large-scale photovoltaic power plants as well as a strict quality management system make the company's products a secure capital investment.

