

# Flat roof | east-west system II



Flat roof system east-west II

## Your benefits

- Secure, stable and quick to install
- Wind-tunnel tested aerodynamics
- No penetration of the roof membrane
- Minimal ballasting
- Optimal angle of inclination of 13°
- More module surface area possible
- Wide base trough with rounded edges
- Ballast trough for large-format stones
- Double support for heavy loads
- Rail with pads for cross drainage
- Only three clamps for all frame heights
- Simple, Eurocode-compliant layout with our Solar-Planit online tool



Type Approved  
Regular  
Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1111212187



## Our solution for the east-west direction

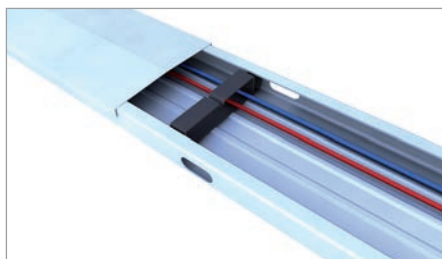
With our east-west II mounting system, you can optimise the use of the surface area of your flat roof: Compared to south-facing elevations, you can install nearly twice the module surface area. Electricity production is thus distributed more evenly throughout the entire day. The east-west II mounting system is a very secure and stable system for flat roofs with a pitch of up to 5° – and, what is more, it is quick and easy to assemble.

The mounting system is fixed on the roof with its own weight and, if necessary, ballast stones, although the optimised aerodynamics of our system require little to no ballasting: an advantage for flat roofs with low load reserves.

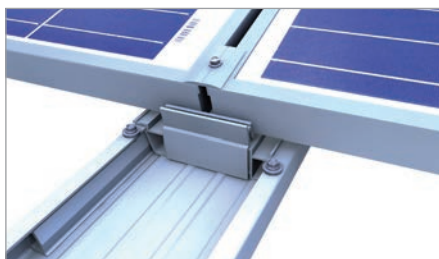
The mounting system consists of only a few components.

The substructure is installed in a modular grid. The base foot and the module support are clicked together, and the module fastened by the short side of the frame. The base trough, which can be used as a cable channel, has rounded edges and a separation layer to protect the roof membrane. The system is installed on foil and bitumen roofs and can also be installed on gravel roofs.

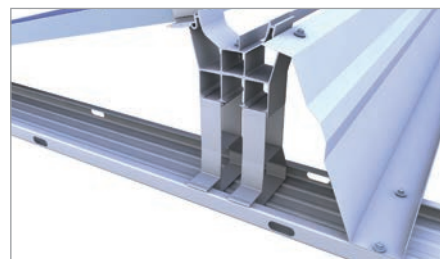
Our various supports allow us to tailor solutions to the specific loads – even with heavy load requirements. Per default, we can subject the east-west II mounting system to loads of 2.4 kN/m<sup>2</sup>, and with a module clamp on the long side, even up to 4.8 kN/m<sup>2</sup>.



Base rail with cover and cable holder



Base foot in base trough with connector



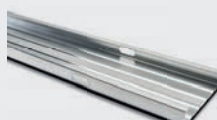
Wind deflector East-West for roof obstacles

## Basic components



### Base trough

Item no. 03-000989



### Connector set base trough

Item no. 03-000370



### Aluminium edge protector self-adhesive

Item no. 03-000407



### Flat roof mounting screw

Item no. 03-000383



### Base foot

Item no. 03-000343



## East-west variant

### Module support

Item no. 03-000442



### Ballast redistribution

Item no. 03-000314



### Module bracket

Item no. 03-000324



Item no. 03-000326



Item no. 03-000310



Have you already seen it?

To our novotegra YouTube channel.  
There you will find helpful videos for installation assistance.

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