

# Conergy SunTop

**The Conergy SunTop was developed as a universal on-roof mounting system for pitched roofs. The use of the patented aluminium base rails, Quickstone connector technology and Conergy's telescoping technology means that this system requires no customisation and is particularly quick to fit.**

## **Significant costs savings thanks to shorter assembly times**

The Conergy SunTop is characterised by a very high level of pre-assembly. With Quickstone technology, installation times are reduced to a minimum. The only mounting tool required is a hexagon key. Detailed assembly instructions ensure a trouble-free installation.

## **Millimetre precision without custom cutting**

The use of telescoping technology allows the system to be designed with millimetre precision without custom cutting.

## **High module compatibility**

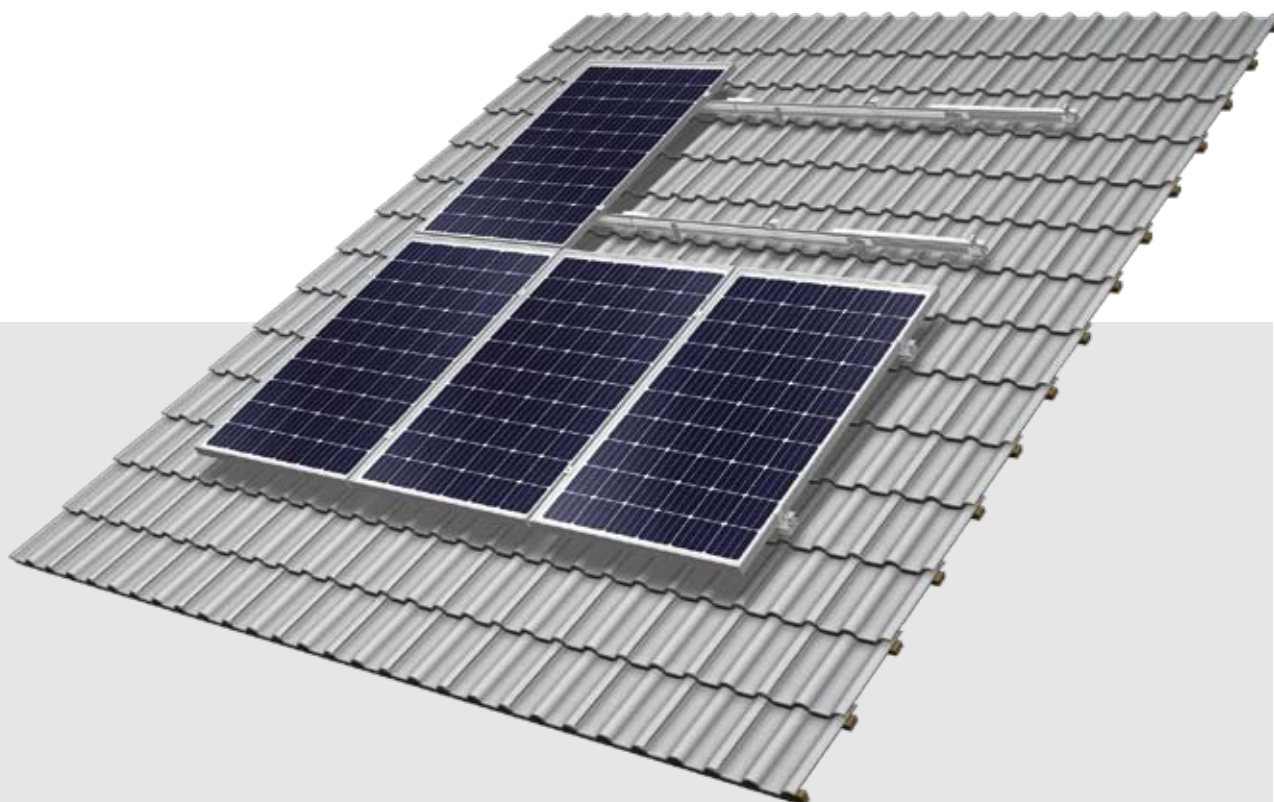
Nearly all module types and laminates from different manufacturers can be used.

## **Outstanding adaptability**

The Conergy SunTop can be installed on nearly all types of conventional roof cladding.<sup>1</sup> The height adjustment of the base rails from Conergy makes it possible to achieve a level PV array even on uneven roof surfaces.

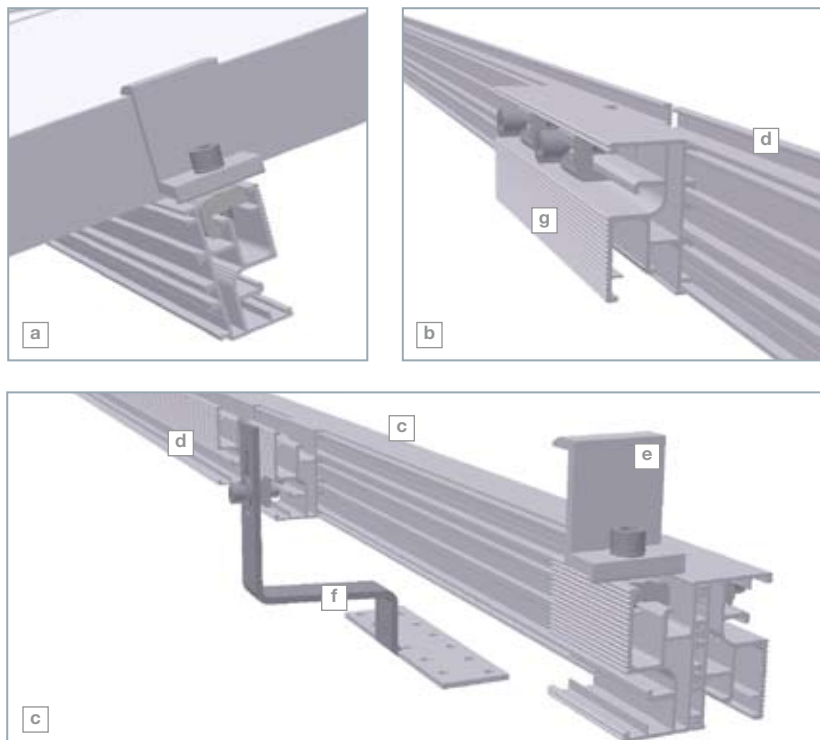
## **Maximum service life**

All components are made of aluminium and stainless steel. The high corrosion resistance guarantees the maximum possible service life and also means that the components are completely recyclable.



<sup>1</sup> For detailed information, please contact us before you commence planning.

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- a** Quickstone technology
- b** Splice technology
- c** Telescoping end-piece
- d** Base rail
- e** Module end clamp
- f** Roof hook
- g** Splice

| Conergy SunTop                       |   |
|--------------------------------------|---|
| <b>Installation site</b>             | Pitched roof and on-roof  |
| <b>Roof cladding</b>                 | Suitable for any type of roof cladding  |
| <b>Roof slope</b>                    | Up to 60 degrees <sup>1</sup>   |
| <b>Height of building</b>            | Up to 20 m  |
| <b>PV modules</b>                    | Framed, unframed  |
| <b>Module orientation</b>            | Portrait, landscape   |
| <b>Size of the module array</b>      | Any position possible <sup>2</sup>  |
| <b>Position of the module array</b>  | Any position possible <sup>3</sup>  |
| <b>Possible height adjustment</b>    | Up to 38 mm   |
| <b>Distance between roof fixings</b> | Depends on location, building height, fastening materials and the module used |
| <b>Standards</b>                     | DIN 1055: Action on structures EUROCODE 9: Design of aluminium structures     |
| <b>Support profiles</b>              | Extruded aluminium (ENAW 6063 T6)   |
| <b>Roof hooks, small parts</b>       | Stainless steel (V2A)   |

<sup>1</sup> Applies to tile roofing

For roofs with a slope of more than 15° and covered with Eternit corrugated roofing sheets or similar extensive roof cladding, please contact us before you commence planning.

<sup>2</sup> Because of thermal expansion and the stresses this causes in the rail string, we recommend a maximum length of 10 m per module array.

<sup>3</sup> Please take into account the increased wind load when installing at the edges and corners of roofs. In these areas we recommend that you use more roof hooks. For detailed information, please contact us before you commence planning.

Available at: