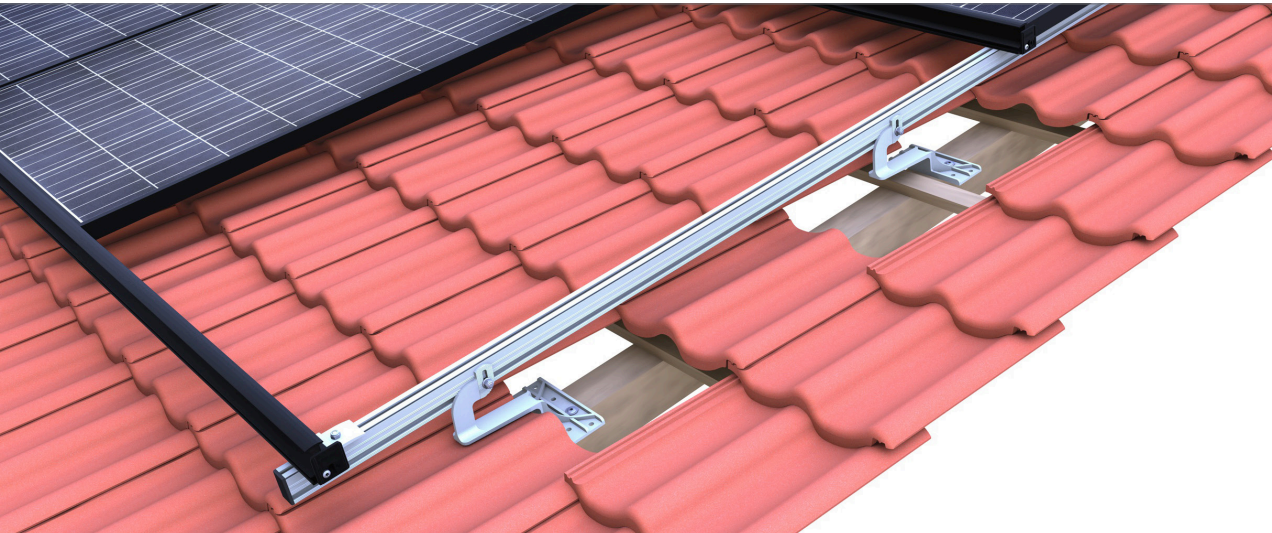


Tile roof | insertion system

novotegra side-fix



novotegra side-fix – insertion system with modules installed in portrait

Proven and attractive

By choosing our insertion system for tile roofs, you are not only choosing top-quality, stability and security but also a highly attractive appearance for your photovoltaic installation.

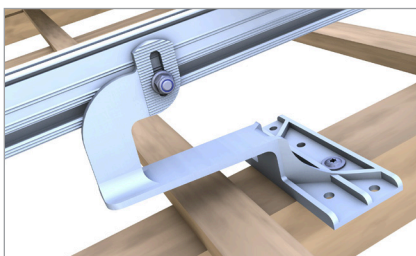
The insertion rails hold the modules securely and gently: The floating installation of the modules in the rails distributes the load across the entire length of the module frame. The insertion system makes quick and easy installation of modules in landscape or portrait possible, ensures excellent rear ventilation and is also available with a snow guard.

The installation in a cross connection construction gives you the highest degree of flexibility. Our roof hooks are three-way adjustable for flexible adjustment on existing uneven roofs or one-way adjustable for quick fixing on new roofs. They are simple to fix – without broken tiles or expensive sheet tiles – and enable a height-adjustable connection of the lower rail with the groove. The insertion rails are connected to the grooved guide rails with the preassembled cross-rail connector set. The insertion rails are available in blank aluminium or black, depending on the colour of your module frames.

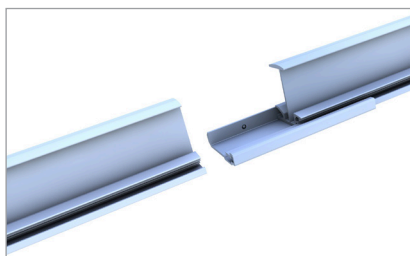
When used together with other decent mounting system components, this system creates an attractive, highly homogenous module field. Every roof turns into a design object with a uniform construction of black anodised insertion rails and dark modules.

Your benefits

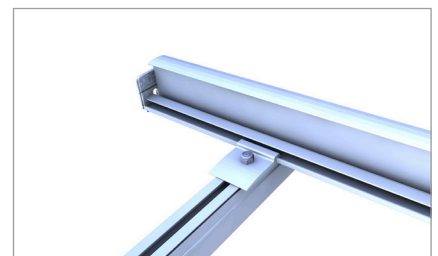
- Attractive and unmistakable appearance
- Floating and tension-free module installation
- Easy and secure - stable and durable
- Die-cast aluminium roof hooks without a welding seam
- Height-adjustable rail connection
- Easy-to-mount connection from the side
- Quick and efficient thanks to insertion technology and pre-assembled parts
- Low substructure clearance to the roof coverage
- Simple, Eurocode-compliant layout with our Solar-Planit online tool



Roof hook with height-adjustment N-rail

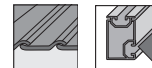


Rail connector insertion rail



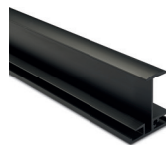
Insertion rail on N-rail

Insertion system



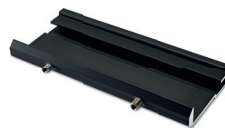
Insertion rail

Item no. 03-001388



Connector

Item no. 03-000499



Edge stop

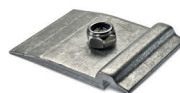
Item no. 03-000693



novotegra side-fix

Cross-rail connector

Item no. 03-000409



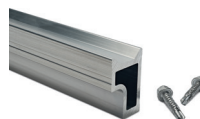
End cap

Item no. 03-000529



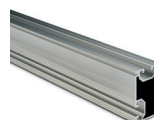
Connector

Item no. 03-000524



Rail

Item no. 03-001404



Roof hook

Item no. 03-000612



Screws

Art.-Nr. 03-000281



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

