

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

## POSITION, INSERT – FINISHED!

Simple and elegant – our insertion system for tile roofs. Precisely adjust the substructure to your roof, and you will have a visually perfect PV installation thanks to the insertion system.

The insertion rails are available in either blank aluminium or black to match the frame colour, and the thought-through technology ensures security and mounting efficiency. As a floating installation, the module frame – portrait or landscape – transfers the load to the rails. Insert the modules in the blink of an eye and lay the cables, including plugs, in the lower rail of the cross connection. The combination of the C-rail as a supporting rail and the cable channel makes it unique – tidy and efficient.

The connection of the C-rail to the rail bottom using a traditional screw connection on the three-way adjustable roof hook set enables continuous adjustment and levelling of the lower rail position. The adjustable bracket which is screwed into the base profile makes the roof hook easy to adapt to the roof coverage. The base profile facilitates precise positioning of the bracket over the tile – the roof hook set is available in different variations, perfect for your project.

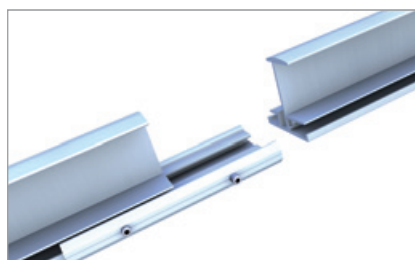
The installation is completed with end caps and edge stops and can also be equipped with a snow guard – design and quality, that is what our insertion system stands for.

## YOUR BENEFITS

- High-quality installation aesthetics
- Tension-free module mounting
- Easy and secure – stable and durable
- Three-way adjustable roof hooks
- Roof hooks for light and heavy loads
- The C-rail also acts as a cable channel
- Quick and efficient thanks to insertion technology and pre-assembled parts
- Excellent rear ventilation of the module
- Simple, Eurocode-compliant layout with our Solar-Planit online tool



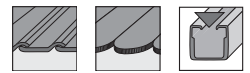
Height-adjustment flex roof hook set



Rail connector insertion rail



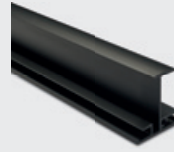
Closing insertion rail and C-rail



## INSERTION SYSTEM

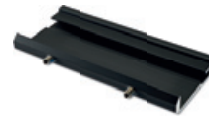
Insertion rail

item no. 251488



Connector

item no. 251268



Edge stop

item no. 251157



## NOVOTEGRA TOP-FIX

Cross-rail connector

item no. 215419



End cap

item no. 210091



Connector

item no. 21530



Rail

item no. 215115



Roof hook

item no. 210042



Screws

item no. 214086



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