

PVclick®

On-roof insertion mounting system
Premium quality for highest demands

- Modular construction system consisting of standardized elements in plug-in system
- Arrangement of the pv-modules in vertical or horizontal mounting
- Use of high-quality materials in the whole system alliance
- Elegant design with powder-coated profiles in matt black and aluminium anodized
- Easy, fast and safe installation
- 30 % less roof hooks - thus minimized interferences in the roof cladding
- The cross bond of the profiles ensures a very high degree of stability
- Optimal leveling through continuously height-adjustable special hooks
- Special hooks made of stainless-steel, strength 6 mm
- Closed module surface facilitates to slide down the snow
- Optimal air circulation (chimney effect) ensures higher output
- Profile lengths of maximum 2 meters in the construction kit
- Pre-assembled component units for clamping and connection of the profiles

Mechanical construction kits

The mounting system is consisting of construction kits for 2 and 3 pv-modules. These include basis and extension construction kits as follows:

G3 - basis construction kit for 3 pv-modules (first module row)

G2 - basis construction kit for 2 pv-modules (first module row)

E3 - extension construction kit for 3 pv-modules (second till x module row)

E2 - extension construction kit for 2 pv-modules (second till x module row)

Indication of quantity

for pv-modules in size 1650 x 992 x 40 mm

construction kit	module insertion profile length in mm	anchor profile length in mm	roof hook unit	profile connector set units	clamp connector set units	hammer-head screw set units
G3	4 x 1490	4 x 1830	8	4	8	8
G2	2 x 1987	3 x 1830	6	2	6	6
E3	2 x 1490	4 x 1682	4	2	4	4
E2	1 x 1987	3 x 1682	3	1	3	3
material	aluminium	aluminium	stainless steel	aluminium	aluminium	stainless steel

Indication of weight

for a standardized PV system of circa 5 kWp consisting of 20 pv-modules in size 1650 x 992 x 40 mm, arrangement 4-row with 5 modules

statistical weight	per 5 kWp (20 pv-modules) in kg	per m ² in kg
total	544	16
without modul	154	4.5

Mechanical design

The mounting system PVclick® is a two-part on-roof mounting system, which is used as insertion system. This system is designed for pv-modules in size 1650 x 992 x 40 mm and consists of construction kits for 2 und 3 pv-modules. The special profiles will be laid in cross bond optionally in row or parallel arrangement. Bumps of the roof cladding can be leveled easily with the standardized height adjustment. The use of the supplied distance rails as assembly aid ensures a perfect and accurate mounting without additional measuring equipment. Preassembled and equal connector elements, which require only one key length, facilitate and shorten the mounting process considerable. For the different roofings a variety of anchor mounting is available for the connection with the substructure. The matt black or aluminium anodized profiles are sea air resistant and give the pv-system an elegant design. Durability and highest stability of the system make the use in all climate zones in Central Europe possible. We provide a lifetime warranty for the mounting system, which means a period over 25 years.

Design

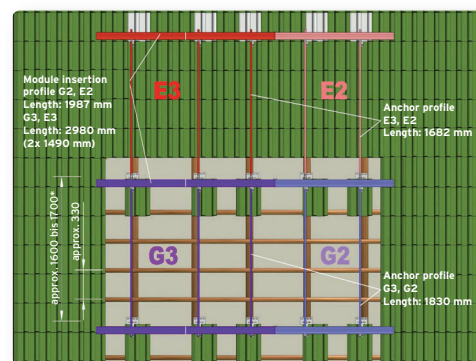
The mounting profiles of the system are available in standard design matt black powder-coated RAL 9005 and in aluminium anodized.

Quality | Reliability

The production plant is certified by the TÜV Rheinland according to ISO 9001/2008, ISO 14001/2004 and CE.

Warranty

· 25 years product warranty



cuttings in roof pitch

