

Solar systems from Schweizer



Tender text PV mounting system

MSP-PR Pitched roof inlay system



Tender text - MSP-PR Pitched roof inlay system

PV substructure for pitched roofs 10° - 70° with tile cladding (other claddings on request). Fastening using pre-assembled roof hooks. Tool-free connection with aluminium hooks on the base plate. The combination of three different support profiles and different roof hook thicknesses enables optimum system statics. Minimised module load by means of cross-bonding of inlay profiles ($\leq 15^\circ$ with insert wedge). Two-tool assembly using Torx 30/40 for everything. Various module arrangements are possible.

Statically verified solution in accordance with **EN 1999 (Eurocode 9)** for aluminium structures; actions are calculated on a residential or building-specific basis in accordance with **EN 1991 (Eurocode 1)** using the manufacturer's own software.

Options:

Insert wedge

☐ with insert wedge

Support profile height

☐ CH 38 mm ☐ CH 50 mm ☐ CH 70 mm

Inlay insert profile

☐ CH 35 (module frame height 33 - 35mm)

☐ CH 40 (module frame height 38 - 40mm)

Accessories

☐ Earthing terminal for lightning protection

Technical features

The load-bearing capacity of the roof structure must be verified on site. Wood screws must be dimensioned and positioned in accordance with the applicable standards.

Condition:

- Mounting rails: Aluminium EN AW-6063 T66
- Roof hooks: aluminium or stainless steel