



PROINSO PV RACK TILE PRO



Robust aluminium structures designed and made in Europe



PROINSO

3GW
PROJECTS SUPPLIED

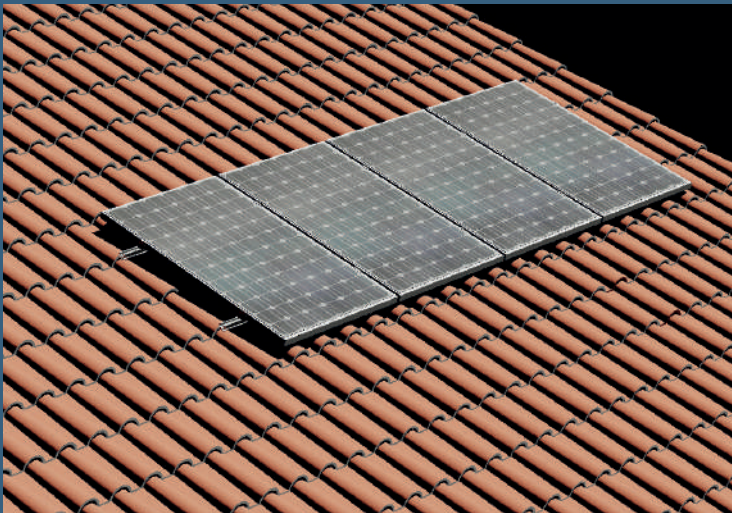
10+ YEARS
EXPERIENCE IN SOLAR

20+ OFFICES
ACROSS 5 CONTINENTS

3 DIVISIONS
DISTRIBUTION & INTEGRATION,
TECHNOLOGY,
EPM

2,500
QUALIFIED INSTALLERS

PROINSO PV Rack is one of the simplest rooftop structures to assemble on the PV market. It adds exceptional value to both commercial and residential projects by offering versatility and usability. Designed and manufactured in Europe and certified by TÜV, PROINSO PV Rack reduces the risk to the installer.



Our TILE PRO can be easily mounted on pitched roofs of varying types. Through extensive adjustability regarding roof fixings along with a wide assortment of rails, any project can be calculated individually with an optimised selection of components.



EASY TO INSTALL

The TILE PRO was specifically designed to reduce installation time. The high standards of PROINSO PV Rack with regard to pre-assembly and customised confectioning, guarantee a quick pre-assembly and assembly, intelligent design of the connections and the use of only a few tools help to reduce installation time and cost.



COST EFFICIENT

The TILE PRO allows optimisation of components used through project customisation. Our engineers will calculate the required quantity of rails and fixing points based on your project specifications, enabling you to reduce the overall cost of system.



ROBUST & DURABLE

All PROINSO PV Rack components are made from aluminium and stainless steel and certified by TÜV Rheinland. The high resistance to corrosion guarantees a maximum life span. Additionally, all structure parts can be recycled.



TECHNICAL SPECIFICATIONS

APPLICATION	Pitched roof – on-roof
ROOFING	Suitable for most types of roof cladding
ROOF SLOPE	Up to 60°
BUILDING HEIGHT	Up to 20m
PV-MODULES	Framed, frameless
MODULE ORIENTATION	Portrait, Landscape
SIZE OF MODULE ARRAY	Any size possible
POSITION OF THE MODULE ARRAY	No special requirements
DISTANCE BETWEEN ROOF FIXING POINTS	Up to 2m
MAXIMUM MODULES CANTILEVER	1/3 of roof attachment spacing or module installation guide
RAIL LAYOUT	Shared rail or traditional rail layouts
STANDARDS	Eurocode 1 – Action on structures Eurocode 9 – Design of aluminium structures
SUPPORTING PROFILES	Extruded aluminium profiles (EN AW 6063 T6)
RAIL FIXATIONS	Side fixing clip: Aluminium (EN AW 6063 T6)
SMALL PARTS	Stainless steel (V2A)
COLOUR	Aluminium: plate finish; on request; Visible components available in black
WARRANTY	10 years



EACH 1KW BOX CONTAINS THESE ELEMENTS



Connector-telescoping end-piece



Connector



Hooks according to design



Hooks according to design



Clamps according to system



Clamps according to system

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