



PROINSO PV RACK TILE PRO



Robust aluminium structures designed and made in Europe



PROINSO

2.7GW
PROJECTS SUPPLIED

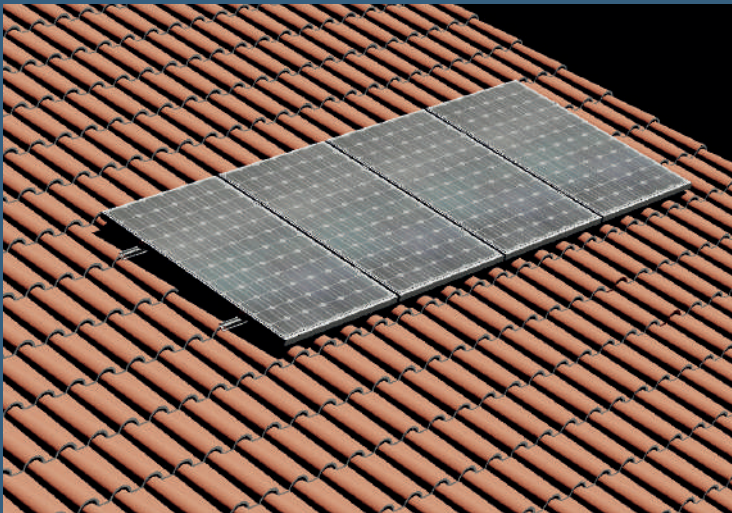
10+ YEARS
EXPERIENCE IN SOLAR

20+ OFFICES
ACROSS 5 CONTINENTS

3 DIVISIONS
OF FULLY INTEGRATED
SOLAR BUSINESS

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. All our products are manufactured in Europe, complying with the EU quality, social and environmental standards.



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 manufactured in Europe according to the EU standards. 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

PROINSO HQ

943 Yeovil Road
SL1 4NH Slough
UNITED KINGDOM
info@proinsol.net
+44 (0) 17 5353 8448

PROINSO SOUTH AFRICA

7th Floor, Mandela Rhodes Place,
Cnr of Wale and Burg Street,
Cape Town, 8000,
South Africa
southafrica@proinsol.net
+(27) 021 410 8908

PROINSO AMERICAS

1030 Riverside PKWY Suite 130
West Sacramento
CA 95605, United States
usa@proinsol.net
(+1) 916 374 8722

PROINSO EAST ASIA

15th Floor, 100 Queen's Road
Center Central, Hong Kong
china@proinsol.net
+852 3960 6363

PROINSO SOUTH ASIA

2-22 Evergreen Industrial
Estate Shakti Mill Lane
Mahalaxmi
400011 Mumbai, India
india@proinsol.net
(+91) 022 4004 2286