

PHOTOVOLTAIC PANEL SUPPORTS



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The Multipan support system enables photovoltaic panels to be installed on any flat surface. Each support system consists of two triangular stainless steel legs and a central reinforcement strut which are fixed together using bolted joints. The structures are also connected with aluminium profiles which are used to mount the photovoltaic panels. Cross tie-rods are fitted to the back, ensuring the stability of the whole structure. The Fixpan fixing system allows photovoltaic panels to be installed on any type of sloping roof. The panels can easily be adjusted for optimum inclination. The system is fixed to the roof frame with bolts.



Location | ITALY

Environment | OUTDOOR

Product | COLD ROLLED BENT SHEETS

Fabrication process | CUTTING, BENDING, WELDING AND MECHANICAL JOINING

Grade/surface | AISI 430, AISI 304

Material thickness/diameter

Weight

Competing material | ALUMINIUM, GALVANIZED STEEL

Date of Completion

Manufacturer | VMEC SRL

Material Supplier

Source of Information | CENTRO INOX

Remarks | PHOTOVOLTAIC PANELS CONVERT THE SUN'S RADIANT ENERGY INTO ELECTRIC POWER. THE PANELS MUST BE CORRECTLY ORIENTED AND TILTED SO THAT THE PHOTOVOLTAIC CELLS IN THE PANELS RECEIVE MAXIMUM EXPOSURE TO SOLAR RADIATION. EACH PANEL MUST BE INDIVIDUALLY ORIENTED TOWARDS THE SUN.