TECHNICAL DATA SHEET

Product:

OMNIABLOK PHOTOVOLTAIC FRAME

Galvanised steel frame for installing photovoltaic panels.	
Composition:	Rectangular frame given by joining the long grids with short grids arranged perpendicularly to the previous ones and joined to the vertices thereof by the Omniablok aluminium casting.
Incidence of weight per m²	
Solution on inclined roof: Solution on a flat roof (Shed):	Kg 6,50 Kg 9,90
Grids	
Features	
Type: Execution standard: Type of steel: Type of treatment:	Longitudinally welded hollow steel pipe ERW EN 10219/EN 10240 S235JRH Hot bath galvanising
Dimensional features	
Dimensions: Weight:	Ø 48,3 mm x s 3 3,33 Kg/m

Mechanical tests	**Tolerance**	**Obtained Value**	**Unit**
Limit of elasticity **Re**: Tensile strength **Rm**: Elongation at total break **A**:	Min. 235,0 360/510 Min. 20,0	295,9 430,1 29,5	N/mm² N/mm² %

Omniablok casting	
Features	
Type: Aluminium alloy:	Aluminium flange EN AB 46100
Dimensional features	
Dimensions: Weight:	145,0 x 145,0 mm x H 50,0 1,15 Kg
M. 16 x 30 screw threaded M. 8 into the hexagon seat	
Features	
Type: Material:	Screw M. 16 x 30 threaded M.8 in the hexagon seat Brass CW614N/CW617N
Dimensional features	
Dimensions:	Ø 16 mm x 30 H

All our structures are dimensioned to bear the weight of the photovoltaic panels and the accidental weight of snow and wind.

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