

Adjustment

The aim of the leaning structure is to be able to be adapted to any kind of roof, for this reason the structure has a wide range of anchorages that can be adapted to the different superficial finishes of the roofs

- Trapezoidal Sheet
- Undulating Sheet
- Sandwich Panel
- Asbestos
- Clay Roof Tile
- Mixed Tile
- Flat Tile



Totally watertight
with **EPD rubber**



LEANING STRUCTURE

HORIZONTAL INCLINATION (20°-60°)



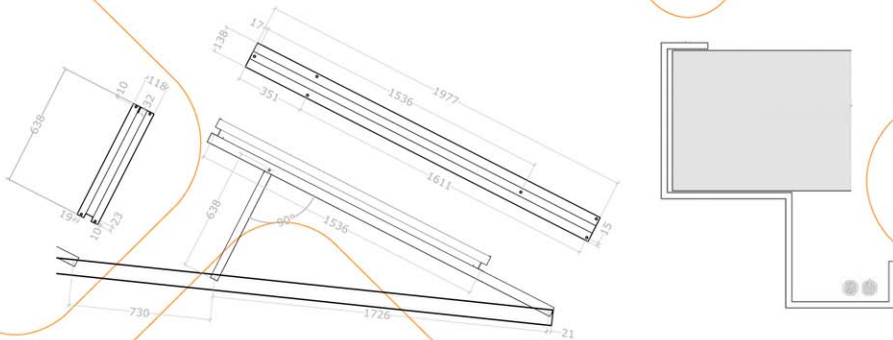
Enersol's leaning structure is the ideal solution to obtain the highest production in kwh, it gives the panel the suitable angle of inclination on the horizontal line, angle that depends on the local latitude. To provide the installation the suitable inclination, there is no need of a determined roof. The structure is adaptable to any condition of roof, independently of its orientation, so it is possible to put them directly on the roof if the orientation allows it or however on the **supplementary substructure** (see the technical data) that is used in unfavorable conditions of orientation. The system is carried out with assembly planes developed in office, and it consists of:

1. Anchorage
2. Rails
3. Connection Pieces
4. Triangle
5. Rolled Steel Box Shapes (if panel with frame)
6. Screws



Enersol offers **10 years of Product Warranty**

Rolled Steel Box Shapes



The Steel Shapes have a length of 3m. and they have perforations to be fixed to the triangle, in addition they possess orifices in their back part to screw the panels and hold them to the structure.

The panels are introduced from the side like a rail system, which improves this labor.



TECHNICAL CHARACTERISTICS

Dimensions photovoltaic module (mm.)	All types of frames (all thicknesses) mm.
Type of Frame	With Frame or Without Frame
Roof Inclination	0°-40°
Distance between supports	3m.
Anchorage Material	Stainless Steel with EPDM Rubber
Rail Material	Aluminium Extruded (AlMgSi 0,5)
Box Shape Material	Hot-dip Galvanized Steel 2mm.
Screws	Stainless Steel
Max. Wind Load	150 Km/h
Max. Snow Load	1,6 KN/m2
Maintenance	Without Maintenance



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Material

High quality material, demanding to every element some performances according to its function, so the anchorage, the cramps and the screws are made of stainless steel, the rails of extruded aluminum, and the box shapes of hot-dip galvanized steel.



Supply and Performances

- To measure the Installation *
- Assembly of the structure
- Assembly of the panels.
- Electrical cabling

* Items to be made by Enersol.

For more information contact
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