Form for the design of ballasted structures

SUNFER

FFP.01.08. Rev. 3

Project data

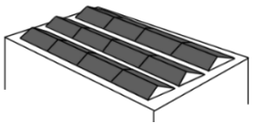
Address of the installation

Remarks

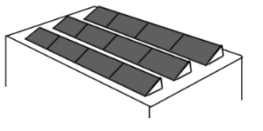
TOTAL number of modules:

Module size ____ mm (Long) ____ mm (Width) ____ mm (Thickness)

Disposition



☐ 26H ☐ 26.1H



☐ 29H ☐ 29.1H

Important information!

Check with the technical data sheet of the photovoltaic module whether the module can be installed on the short side without deformation.
If you do not know this, you should choose 26.1H or 29.1H.

Structure inclination

☐ 10°
☐ 15°

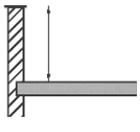
Installation height

X= ____ meters

Roof slope (P)

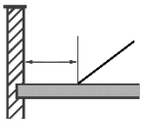
____ Degrees
____ %

Parapet height



____ cm

Distance between parapet to installation



____ cm

Design conditions

◯ Others

(Specify others)

→ Wind speed

→ Snow load

◯ According to regulations

____ Km/h

____ Kg/m²

Installation area

Urban area ○

Industrial area ○

Rural area ○

Coastal area ○

Flat roofs

- ☐ Flat concrete roof
- ☐ Flat painted concret roof
- ☐ Type TPO-PVC
- ☐ Gravel (The structure shall be placed on the layer below the gravel)
- ☐ Anti-slip tile

General information

- If the required conditions are not specified the study shall be carried out with the calculations and design conditions of the standard products, for other design conditions the customer shall provide all necessary information required by Sunfer.
- Ceiling mounting requirements:
  - Check the condition of the roof and the load-bearing capacity of the roof.
  - The roof or deck surface must be clean and dry. Irregularities in the roof must be corrected or eliminated.
  - To avoid wind turbulence, a minimum safe distance from roof edges and other obstructions (e.g. chimneys, vents, etc.), as specified in the wind coefficient sheet, must be maintained.
  - Flat roofs with a pitch of more than 3° must be bolted, not lashed.
  - All assembly instructions and product specifications provided by Sunfer must be followed.
  - The brackets must be disassembled in reverse order to assembly.

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