

Mounting systems for photovoltaics





Checklist flat roof

Profiness3006

project-nr.	
project-name	
order	
total KwP	

Project data						
Project name						
Location inform	nation					
street, number			snowload on ground KN/m ²			
postal code, city			exposed location			
terrain height above sea			unload possibility	□forflifts□hand		
level (m)						
windload KN/m ²			phone number			
Building information						
load reserve (kg/m ²)			roof pitch (degree)	max. 5°		
building height(m)		direction of the slope in the	□ with N specify			
		plan				
building length (m)			height of roof edge(cm)			
building width (m)			age of the roof			
Roof information	on					
bitumen		other				
beton		type of	type of insolation			
foil		insulati	ion thickness			
gravel layer compressive strength						
		kN/m²)				
Panel information						
manufacturer/product			quantity of panels			
dimensions(mm)			panel height (mm)			
power (KWp)			variant	□east-west □south		
weight (kg)		elevation degree	(south			
					10°, 15°,	
					east west	
					10°)	
facilities			Ţ			
drawing with panel arrai	ngement (with all measures		comments			
of the roof including edg	ge distances)					
picture from the roof						
building section						
data sheet panel			1			

It is to ensure that the distance to the end of the roof / attica on each side at least is building height x 2 and divided by 10.

Procedure:

- an offer can only be sent with a completed checklist
- the checklist will be given to our planning office
- the planning office calculates how many frames will be needed
- the offer will be sent
- after placing the order the parts will be produced
- using the information in the checklist the static engineer will create a ballast plan
- together with the goods an assembly instruction will be sent
- the ballast plan will be sent by mail

If you need the ballast plan in advance of the order we have to charge costs which are also payable in advance. If you place the order, we will get a discount of that amount. The calculation of the necessary quantities and items is conditional. In the case of an order the customers has to check the quantities and items to prevent errors.

With the submission of an offer we can not assume to realize the general planning of the module elevation.

In the case of an order a detailed planning is always necessary followed by possibly changes.

Module clamping only on the short side, module layout only landscape!

The customer has to check if the module production company allows to use the modules that way.

The shading of the modules corresponds to our known drawings.

The distance of the modules is designed for maximum aerodynamic module assignment.

This fact should always be discussed with the owner of the plant before the order.

It is to ensure that the distance to the end of the roof / attica on each side at least is building height x 2 and divided by 10. Is this distance smaller than it has negative effects on the statics and can lead to high levels of load.

In case of an offer we calculated on existing plans only the number of necessary items.

This does not automatically guarantee feasibility.

In the case of an order a new layout, planned with our frames, is required, unless the offer is based on our own plans.

Ballasting by specifying the detailed design, which is created in case of order.

Calculation according to DIN EN 1991-1-4 Eurocodes.