



mounting systems

# Technical Planning Aid Flat-roof

In order to submit an adequate offer, we require the information mentioned below. Please fill in the form and mail it to:

[sales@mounting-systems.com](mailto:sales@mounting-systems.com)

Date: \_\_\_\_\_

## 1. Installation place

Street address: \_\_\_\_\_

Postcode, place: \_\_\_\_\_ Country: \_\_\_\_\_

Geographic Coordinates: \_\_\_\_\_

Sea level: above sea level (a.s.l.): \_\_\_\_\_ m

Proximity to the sea: < 1000 m > 1000 m


## 2. Building

Roof pitch: \_\_\_\_\_ ° Building height: \_\_\_\_\_ m  
(Inclination of the roof to the plain) (From the ground to the ridge)

Height of parapet: \_\_\_\_\_ mm Roof area: Length \_\_\_\_\_ Width \_\_\_\_\_ m

Permissible additional load on the roof area: \_\_\_\_\_ /m<sup>2</sup> (Only for ballast systems)

## 3. Roof structure

Rafter 

Purlin 

Distance between purlins/rafter: \_\_\_\_\_ cm (This is measures centre)

Material of purlins/rafter: \_\_\_\_\_

Dimensions of purlins/rafter: Width \_\_\_\_\_ Height \_\_\_\_\_ cm

## 4. Roof cladding

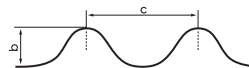
Trapezoidal sheet metal<sup>1</sup> Foil roof Concrete roof<sup>2</sup> Corrugated sheet<sup>1</sup> Green roof Bitumen

Standing seam, type: \_\_\_\_\_ (Please add datasheet.)

Other cladding: (Please state. If necessary, add sketch.)

## 5. Roof structure "Metal- or eternit cladding"<sup>1</sup>

Corrugated fiber cement

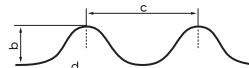


Distance between the bead c = \_\_\_\_\_ mm

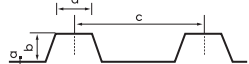
Height of the bead b = \_\_\_\_\_ mm

Metal roof:

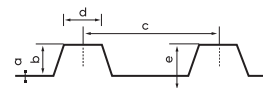
Corrugated sheet



Trapezoidal sheet



Sandwich panel



Material: Steel Aluminum Sheet thickness a = \_\_\_\_\_ mm

Width of the bead d = \_\_\_\_\_ mm Distance between the bead c = \_\_\_\_\_ mm

Height of the bead b = \_\_\_\_\_ mm Total height of the sandwich panel e = \_\_\_\_\_ mm



## 6. Roof structure "Concrete roof"<sup>2</sup>

Typ of substruction: Brick Other: \_\_\_\_\_ Thickness of subconstruction: \_\_\_\_\_ mm  
 Insulating existing: Yes No Thickness of insulation: \_\_\_\_\_ mm  
 Material properties: Concrete grade \_\_\_\_\_ Thickness of concrete layer: \_\_\_\_\_ mm

## 7. System

Module pitch: 10° 20° 30° 40°  
 15° 25° 35° 45°  
 Type of fixing: Roof penetration Ballasted system  
 Light-ballasted orientation (Only for roof pitch < 5°)

## 8. Configuration

Plant layout is available (please attach)

Installation in the edge area or corner area of the roof: Yes No  
 Module orientation: Portrait Landscape  
 Layout: Row: \_\_\_\_\_ (The length of the rows shouldn't exceed 12m.)  
 Number of modules: \_\_\_\_\_ pieces

## 9. Module

Module type<sup>3</sup>: \_\_\_\_\_  
 Please attach the latest installation manual from the module, otherwise clamping assumed with standard clamp (for framed PV modules). Please attach the latest installation manual from the module, otherwise clamping assumed with standard clamp l=80 mm (for frameless PV modules).

Module dimension: \_\_\_\_\_ mm × \_\_\_\_\_ mm × \_\_\_\_\_ mm  
 Length Width Height

	Framed module	Frameless module
Module weight:	_____ kg	_____ kg
Module power output:	_____ Wp	_____ Wp
Clamp length:	_____ mm	_____ mm
Clamp points per module:	_____ pieces	_____ pieces

## 10. Optional

Additional wishes

1 Fill in section "Metal- or eternit cladding"  
 2 Fill in section "Concrete roof"  
 3 Please add module datasheet including information about fixing restrictions.