



### customer data

Customer name:  Date:   
Project reference:

### project data

Project address (windspeed determination):   
Height building (Incl parapet \*note1\*):  m Min. height parapet:  m  
Terrain category (\*note 2\*):  Cat. 0  Cat. 1  Cat. 2  Cat. 3  Cat. 4  
Roofslope (\*note 3\*):  °  
Roofing:  EPDM  Bitumen  PVC  Others:  (frictioncoëf.: )

### panel data

(\*note 4\*)

(if possible, attach a technical data sheet)

Number of panels:  Brand & type panel:   
Weight panel:  kg Panel dimensions (LxWxH):  X  X  mm  
Power panel:  Wp

### mounting frame

South orientation \*note 5\*  
Angle:  10°  12.5°  15°  
Pitch distance:  1400mm  1500mm  1600mm  1750mm  others:  mm  
 East-west orientation \*note 5\*  
Angle: 12.5°  
Pitch distance:  2300mm  2350mm  2450mm  others:  mm

### roof protection

\*note 6\*

Rubber  PP-footing ( with rubber)  Concrete footing

### ballast

Ballast tile thickness (30x30cm):  cm Ballast tile weight:  kg

### roof layout

\*note 7\*

Please include a technical drawing (DWG or bemade PDF) clearly indicating the :

- building length
- building width
- distance installation to parapet
- installation of panels on the roof
- distance between adjacent panel fields

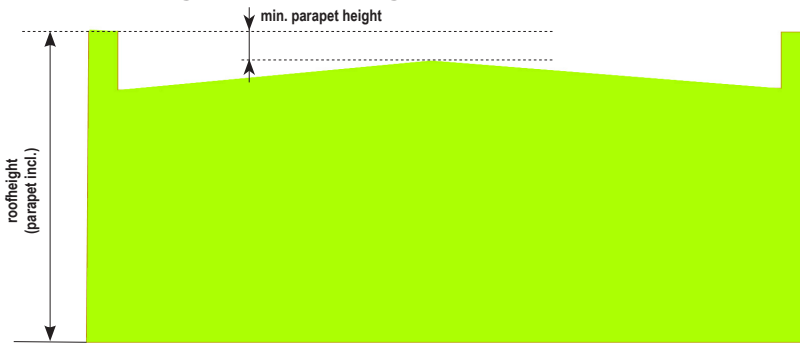
### note

Please fill in all data correctly and carefully. If not, no ballast report can be made.

Contact person:  signature:



**Note 1: Height building**



**Note 2: Terrain category**



Terrain Category 0:  
Sea, direct exposure to  
coastal winds



Terrain Category 1:  
Flat horizontal areas without  
obstacles



Terrain Category 2:  
Rural areas with isolated  
obstacles



Terrain Category 3:  
Villages, suburbs, industry,  
forests



Terrain Category 4:  
Cities

In the Netherlands, terrain category 1 and 4 do not exist.

In France, the terrain categories change, namely Cat. 1 = Cat. 2; Cat. 2 = Cat. 3a; Cat. 3 = Cat. 3b. Category 0 and 4 do not exist.

It is the installer's responsibility to determine the correct terrain category for his installation as described in NBN EN 1991-1-4 for Belgium and NEN-1991-1 + AN for the Netherlands. For other countries other standards may apply.

**Note 3: Roofslope**

degrees	Percent
0°	0%
1°	1.75%
2°	3.5%
3°	5.25%
4°	7%
5°	8.25%

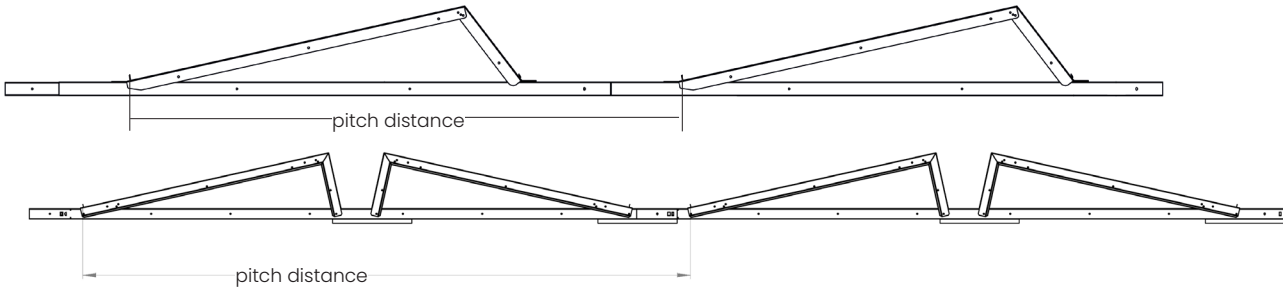
**Note 4: Clamping panels**

It is the installer's responsibility to check that the panels used are allowed to be clamped in the manner (on the short or long side, position of the clamps, etc.) as provided in the mounting instructions for the mounting frame. If this is not the case, Avasco Solar can in no way be held responsible for any damage, in whatever form.





**Note 5: Mounting frame**



Panel dimensions (width)	Pitch
until 1055 MM	2300
1056-1100 MM	2350
1101-1140 MM	2450

**Note 6: Roof protection**



rubber

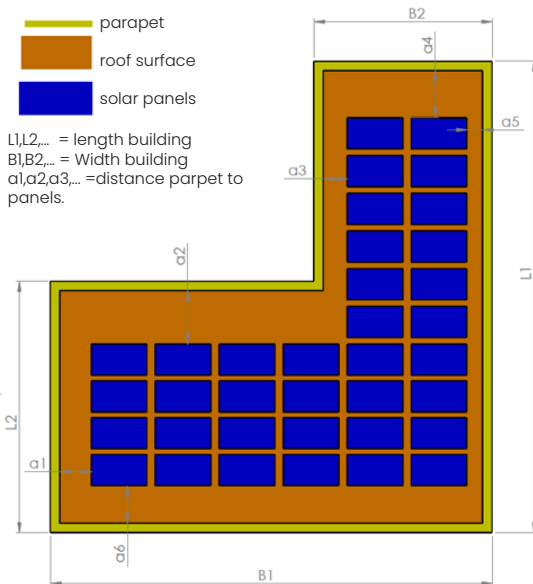


PP-footing



concrete footing

**Note 7: Roof layout**



**Note 8: Consequence class**

It is the responsibility of the installer to determine the correct consequence class for his installation as described in NBN EN 1990 ANB:2012 for Belgium. For other countries, other standards may apply. Unless explicitly requested otherwise, all calculations with the SolarSpeed calculator take into account CC1 (Consequence Class 1).

