

# Checklist for Solar Plants on Flat Roofs

Please send back to [engineering@zinco-greenroof.com](mailto:engineering@zinco-greenroof.com)

Object: .....

Street, house number: .....

Postcode, city: ..... Latitude: ..... °

Height above sea level: ..... m  Photovoltaic plant  Solar thermal heating plant

Planner: .....

Contact person: .....

Street, house number: .....

Postcode, city: .....

Telephone number: .....

Maximum admissible load on waterproofing: .....kg/m<sup>2</sup> (without traffic load and without snow)

Warm Roof

Cold Roof

Inverted Roof



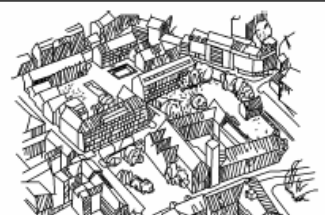
**Area category 1**  
open, flat terrain without obstacles



**Area category 2**  
terrain with hedges, single farms, houses or trees, e.g. agricultural regions



**Area category 3**  
suburbs, industrial areas or business parks, woods



**Area category 4**  
urban areas, at least 15% of area covered by buildings with an average height of more than 15 m

Location:  Exposed  Non-exposed

Wind zone 1  Wind zone 2  Wind zone 3  Wind zone 4

or wind speed in m/s: .....

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In which zone of the roof will the system be located?

- Field                       Perimeter                       Corner

Building dimensions (in metres)                      Length: .....                      Width: .....                      Height: .....

Roof dimensions (in metres)                      Length: .....                      Width: .....                      Perimeter: .....

Roof slope: ..... ° or ..... %                      Parapet height: .....

Desired greening system: .....

Mounting orientation: vertical



Mounting orientation: horizontal



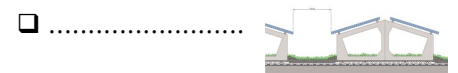
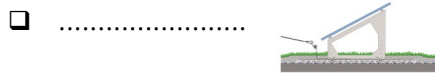
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Mounting orientation: South

Mounting orientation: East-West "Butterfly"

Mounting orientation: East-West "Saddle"



Desired system size? ..... kW<sub>peak</sub>                      .....pieces of modules

Module/collector type: .....                      Size: ..... x ..... m

Inclination of the system: ..... °

Required superimposed load according to module/collector manufacturer: ..... kg/pce module/collector

**On roofs with a height of more than 2 m suitable fall protection devices are required**  
(see local regulations on construction, trade associations, laws on occupational safety, etc.)

- protection devices are already installed
- protection devices are required along with the solar sub-construction

Remark:

- Roof top view if possible as DWG (or DXF) file, alternatively a PDF file including reference dimensions.

Further comments or requests:

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 .....  
 .....

