

# AEROCOMPACT®

## CHECKLIST COMPACTFLAT SN10/10+

REQUEST FOR QUOTE     ORDER

DATE \_\_\_\_\_

Requested delivery date: \_\_\_\_\_

- Pick up
- Delivery to customer
- Delivery to project address

PROJECT NAME \_\_\_\_\_

CUSTOMER \_\_\_\_\_

Contact person: \_\_\_\_\_

No., Street: \_\_\_\_\_

City, ZIP code, Country: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

PROJECT ADDRESS \_\_\_\_\_

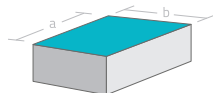
No., Street: \_\_\_\_\_

City, ZIP code: \_\_\_\_\_

Country: \_\_\_\_\_

### ROOF SHAPE AND DIMENSIONS

rectangular



Dimension:

a = \_\_\_\_\_ mm

b = \_\_\_\_\_ mm

other → please provide drawing with all relevant dimensions!

Please note: unless otherwise noted, modules will be aligned in parallel to the longest roof edge

### GENERAL ROOF DATA

Roof height: \_\_\_\_\_ mm

Roof inclination: \_\_\_\_\_ °

Parapet height: \_\_\_\_\_ mm

Parapet width: \_\_\_\_\_ mm

### MOUNTING SYSTEM TYPE

COMPACTFLAT SN10, mono-pitch, 10°  
module fixation on short (frame) side

COMPACTFLAT SN10 LS, mono-pitch, 10°  
module fixation on long (frame) side

COMPACTFLAT SN10+, double-pitch, 10°  
module fixation on short (frame) side

COMPACTFLAT SN10+ LS, double-pitch, 10°  
module fixation on long (frame) side

Ballast Trays     long

place all ballast blocks in ballast tray / ballast rail

### FURTHER DESIGN OPTIONS

only ballast (no roof anchor)

optimized selection / mixture

roof anchors mandatory

only roof anchors (no ballast)

## ROOFING TYPE AND SUB-STRUCTURE

- |  |  |  |  |
|--|--|--|--|
| <input type="radio"/> <b>Membrane roof</b> | <input type="radio"/> <b>Bitumen roof</b>  | <input type="radio"/> <b>Gravel roof</b>   | <input type="radio"/> <b>Insulation (under membrane)</b> |
| <input type="radio"/> PVC                  | <input type="radio"/> <b>Concrete roof</b> | <input type="radio"/> gravel layer < 10 cm | type: _____  |
| <input type="radio"/> TPO/FPO              | <input type="radio"/> _____                | <input type="radio"/> gravel layer ≥ 10 cm | thickness: _____ mm                                      |
| <input type="radio"/> _____                |  | Bulk density _____                         | Manufacturer: _____                                      |

## BALLAST BLOCK SPECIFICATION

→ unless otherwise noted, we assume dimensions of 300 x 200 x 60 mm, and a weight of 8 kg

- Length: \_\_\_\_\_ mm    Width: \_\_\_\_\_ mm    Height: \_\_\_\_\_ mm    Weight: \_\_\_\_\_ kg
- use gravel for ballasting

## MODULE LAYOUT

→ Please indicate interference areas separately! (drawing, coordinates, roof plan)

- Full layout     Targeted power: \_\_\_\_\_ kWp     Preferred array size: \_\_\_\_\_ rows x \_\_\_\_\_ modules

## PV MODULE SPECIFICATIONS

- Manufacturer: \_\_\_\_\_    Module type: \_\_\_\_\_    Wattage: \_\_\_\_\_ Wp
- Length x width \_\_\_\_\_ mm    Frame height: \_\_\_\_\_ mm    Weight: \_\_\_\_\_ kg

## PROJECT SITE

### Location

- geographical latitude: \_\_\_\_\_
- geographical longitude: \_\_\_\_\_
- elevation asl: \_\_\_\_\_ m

### Terrain Category

- 0** coastal area, open to the sea
- I** open land, hardly any obstacles
- II** cultivated land, few obstacles
- III** suburb, commercial area, forest

### Topography

- exposed location
- to be determined according to local codes, terms to the left just for orientation

## APPLICABLE CODE

- EN 199x (national version with National Annex, if available)     SIA 261
- Others, similar to EN 199x

Indicate characteristic value of peak velocity pressure on height level of the system: \_\_\_\_\_ kN/m<sup>2</sup>

Indicate basic wind speed, as defined by EN 1991-1-4: \_\_\_\_\_ m/s

Indicate characteristic value of snow load on the module (alternatively: on the ground): \_\_\_\_\_ kN/m<sup>2</sup>

### USA

- ASCE 7-05
- ASCE 7-10
- ASCE 7-16

### International

- International Building Code
- Overseas Buildings Operations