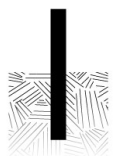
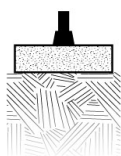


BEETA GROUND MOUNT

INSTALLATION



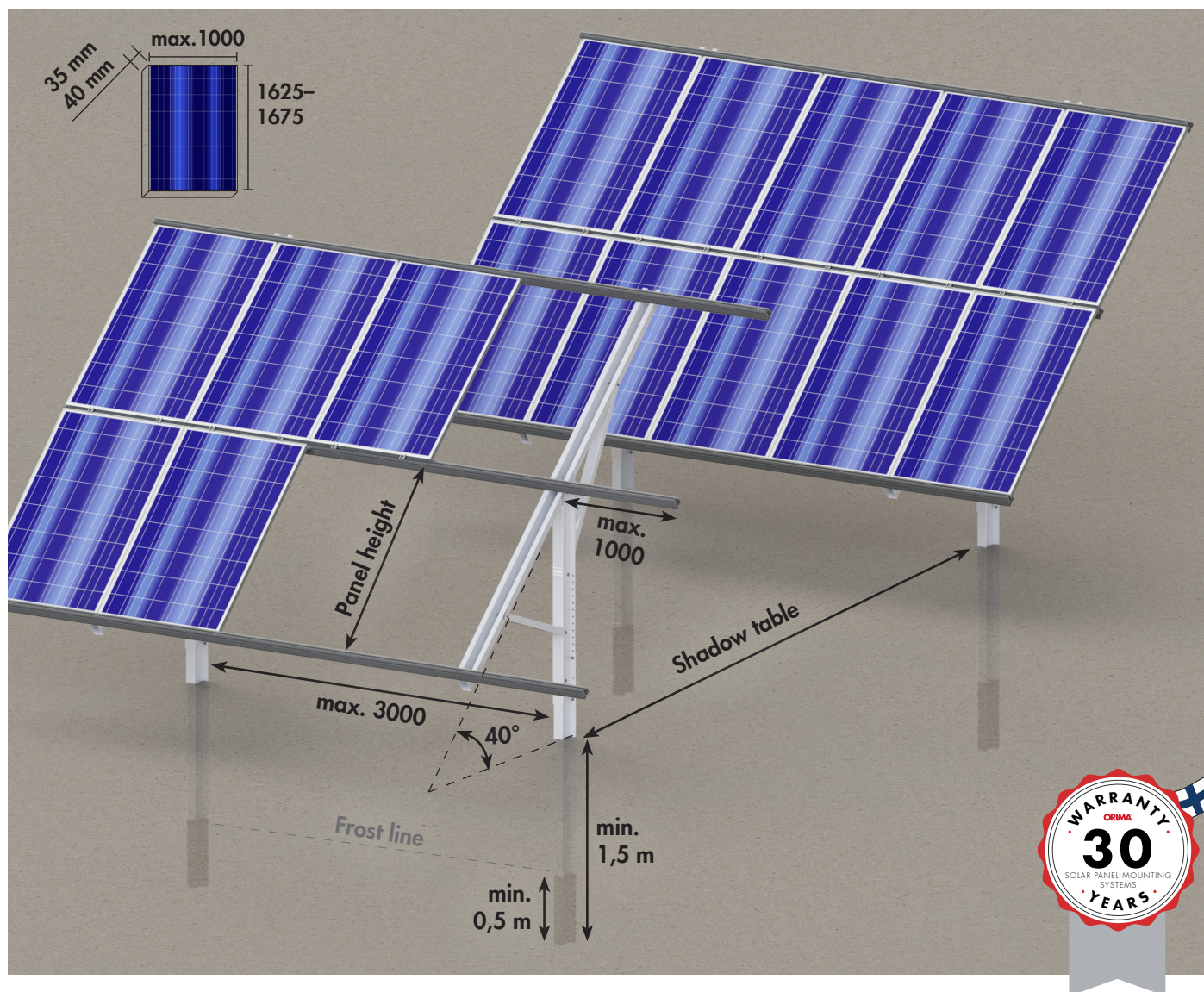
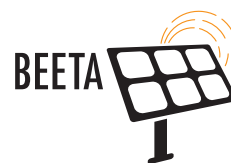
Piling post



Concrete post

ORIMA®

Nordic solar partner



SHADOW TABLE

Solar angle (degrees from horizontal)	10°	20°	30°
Distance of the post rows	14,5 m	8,5 m	6,5 m

TOOLS

Piling equipment if needed

Screwdriver



Socket wrench



AV 13 **8**

AV 15 **10**

AV 19 **12**

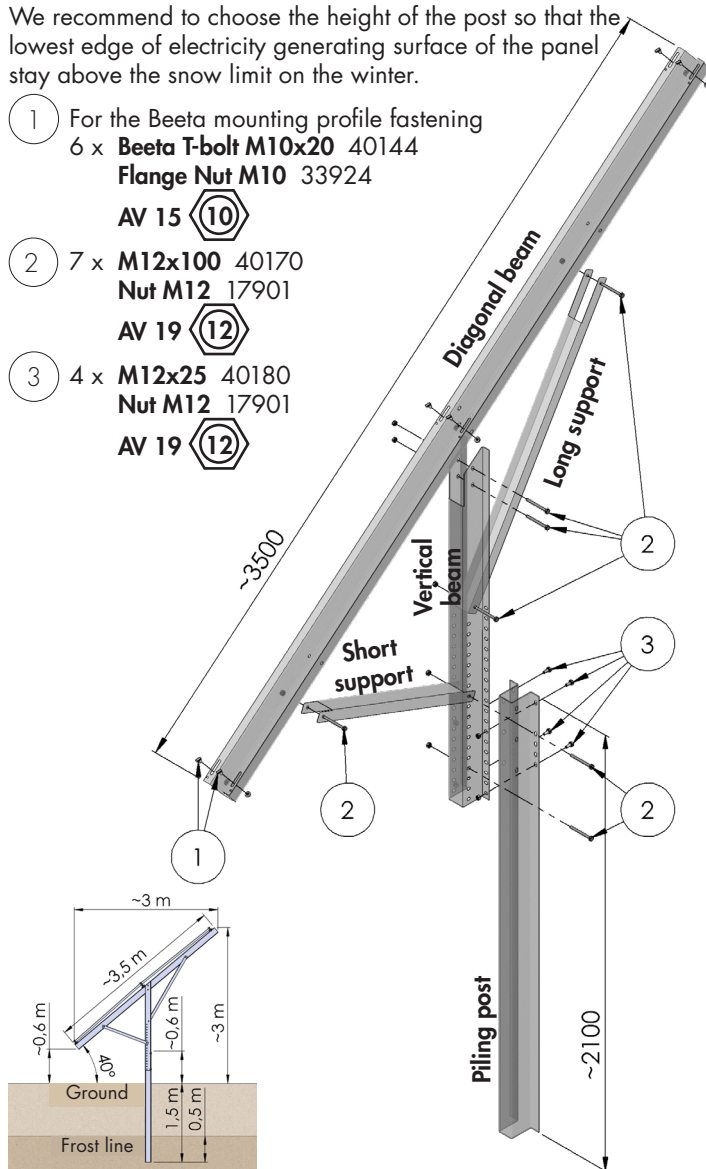
1. BEETA STANDS

BEETA DOUBLE PILING POST 38060

Incl. bolts and nuts for the assembling of the post and for the mounting profile.

We recommend to choose the height of the post so that the lowest edge of electricity generating surface of the panel stay above the snow limit on the winter.

- 1 For the Beeta mounting profile fastening
6 x **Beeta T-bolt M10x20** 40144
Flange Nut M10 33924
AV 15 (10)
- 2 7 x **M12x100** 40170
Nut M12 17901
AV 19 (12)
- 3 4 x **M12x25** 40180
Nut M12 17901
AV 19 (12)



Piling the post

The piling depth depends of the quality of the ground and geographic location. Soil survey or test piling might be requested.

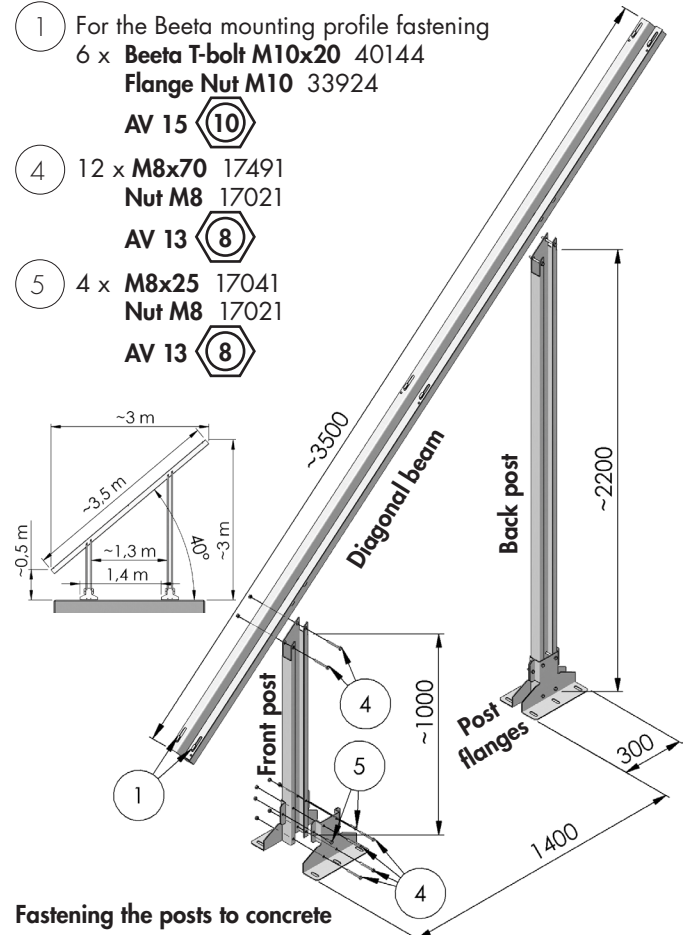
Pay attention during the installation:

- exactly vertical piled posts
- straight row of the posts
- equal direction of the posts

BEETA DOUBLE CONCRETE POST 38290

Incl. bolts and nuts for the assembling of the post and for the mounting profile

- 1 For the Beeta mounting profile fastening
6 x **Beeta T-bolt M10x20** 40144
Flange Nut M10 33924
AV 15 (10)
- 4 12 x **M8x70** 17491
Nut M8 17021
AV 13 (8)
- 5 4 x **M8x25** 17041
Nut M8 17021
AV 13 (8)



Fastening the posts to concrete

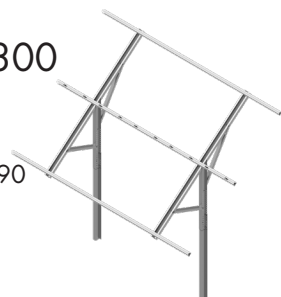
The front and back posts fasten to the concrete base with 6 screws (e.g. anchor bolts or 8x60 concrete screws) from the post flanges.

Pay attention during the installation!

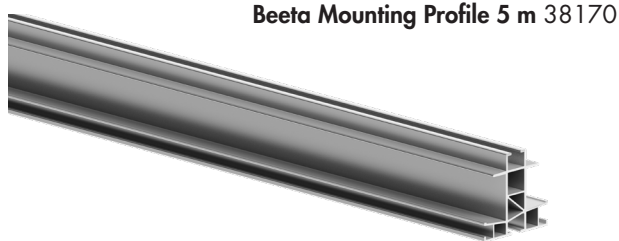
- the concrete bases are horizontal and parallel
- the concrete bases have equal height

BEETA DOUBLE 10 PANEL RACKS: WITH PILING POST 38270 WIHT CONCRETE POST 38300

- Incl.
- 2 x **Beeta Stands**
piling post 38060/concrete post 38290
 - 3 x **Beeta Mounting Profile 5 m** 38170
 - 10 x **Beeta Panel Clamp** 38260
 - + bolts and nuts for assembly

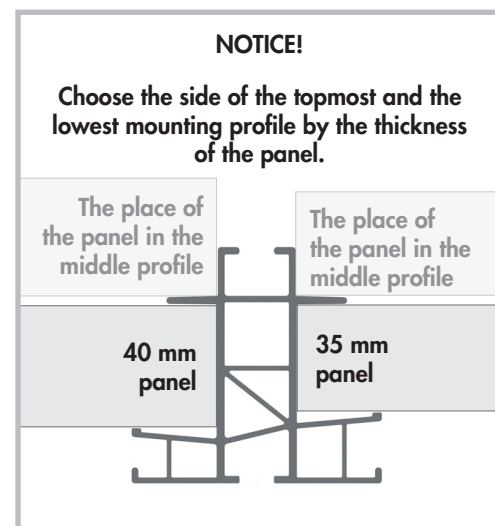
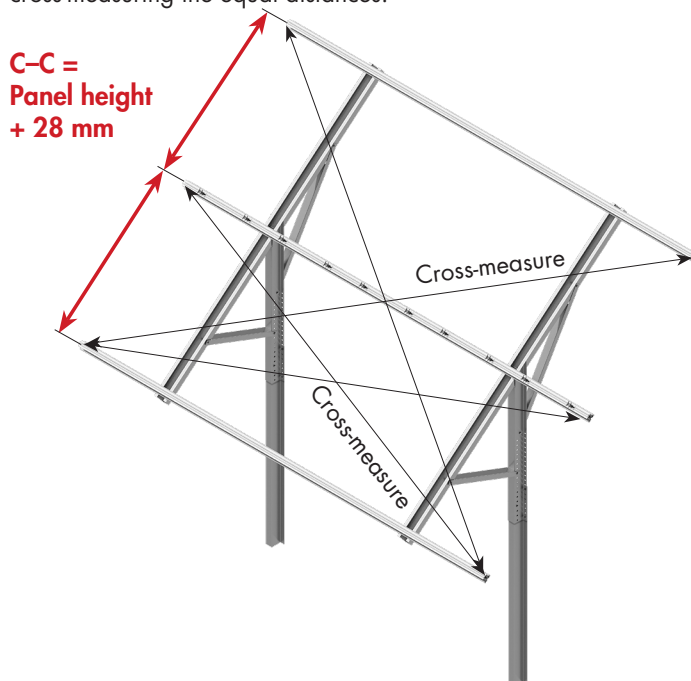


2. BEETA MOUNTING PROFILE

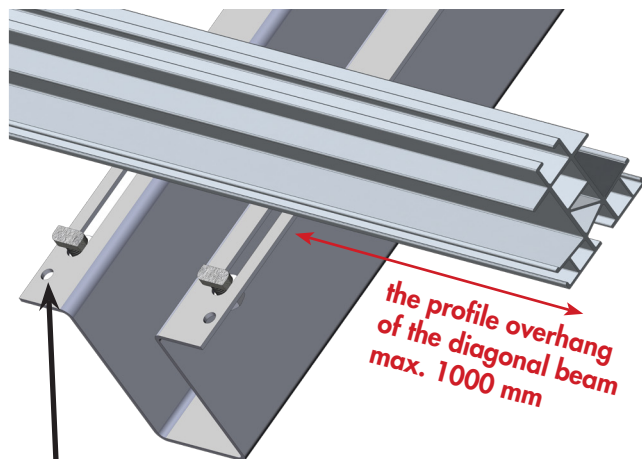


POSITIONING THE MOUNTING PROFILES

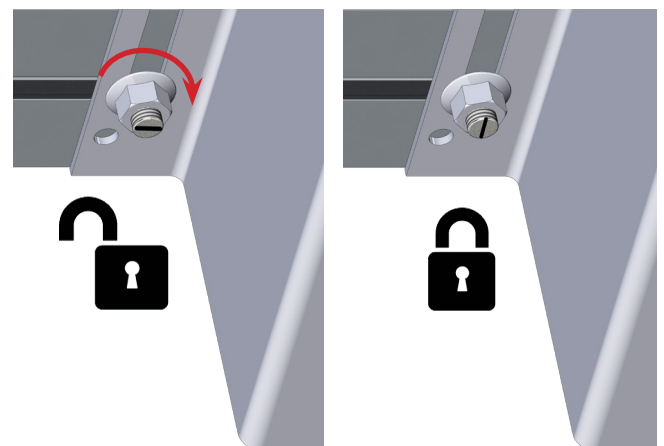
Check the squareness of mounting profile assembly with cross-measuring the equal distances.



FASTENING THE MOUNTING PROFILE



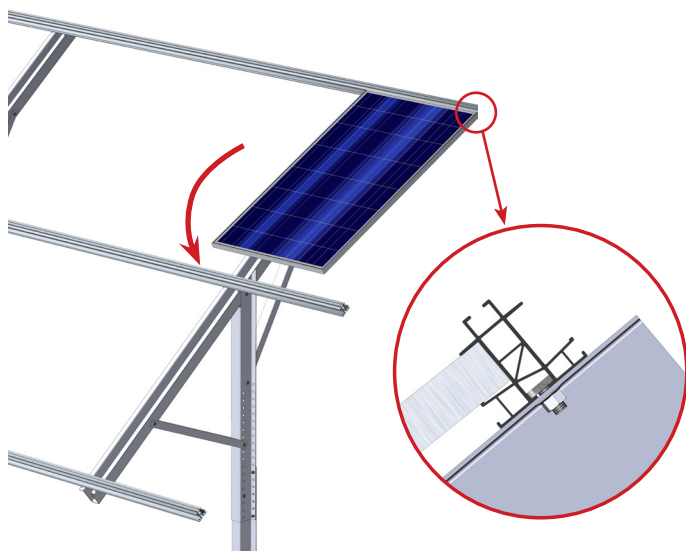
Assembly aid for profile fastening:
Place a suitable pin \varnothing 8 mm to the hole. Lift the mounting profile upon the pin and fasten the profile with t-bolt and flange nut. Lock the bolts after positioning the mounting profiles to the right places.



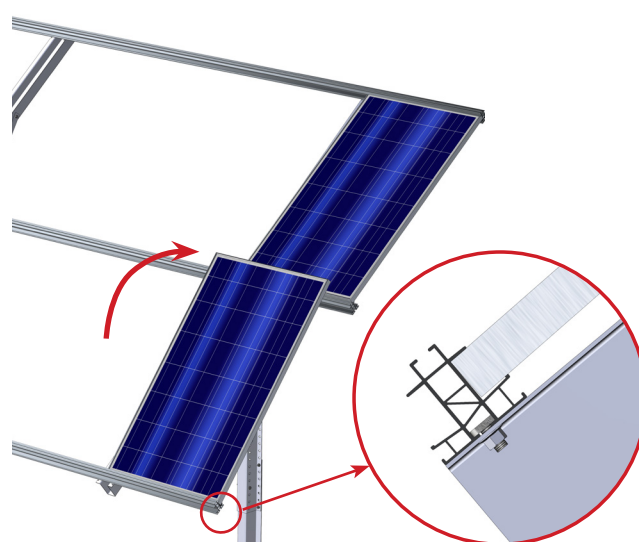
3. FASTENING THE PANELS

Fasten the panels in pairs:

1. Push the top panel to the groove of the topmost profile and lay the panel frame upon the middle profile.



2. Push the lower panel to the groove of the lowest profile and lay the panel frame upon the middle profile.



3. Fasten the panels to the middle profile by two panel clamps per panel.

2 x Beeta Panel Clamp 38260

AV 13 