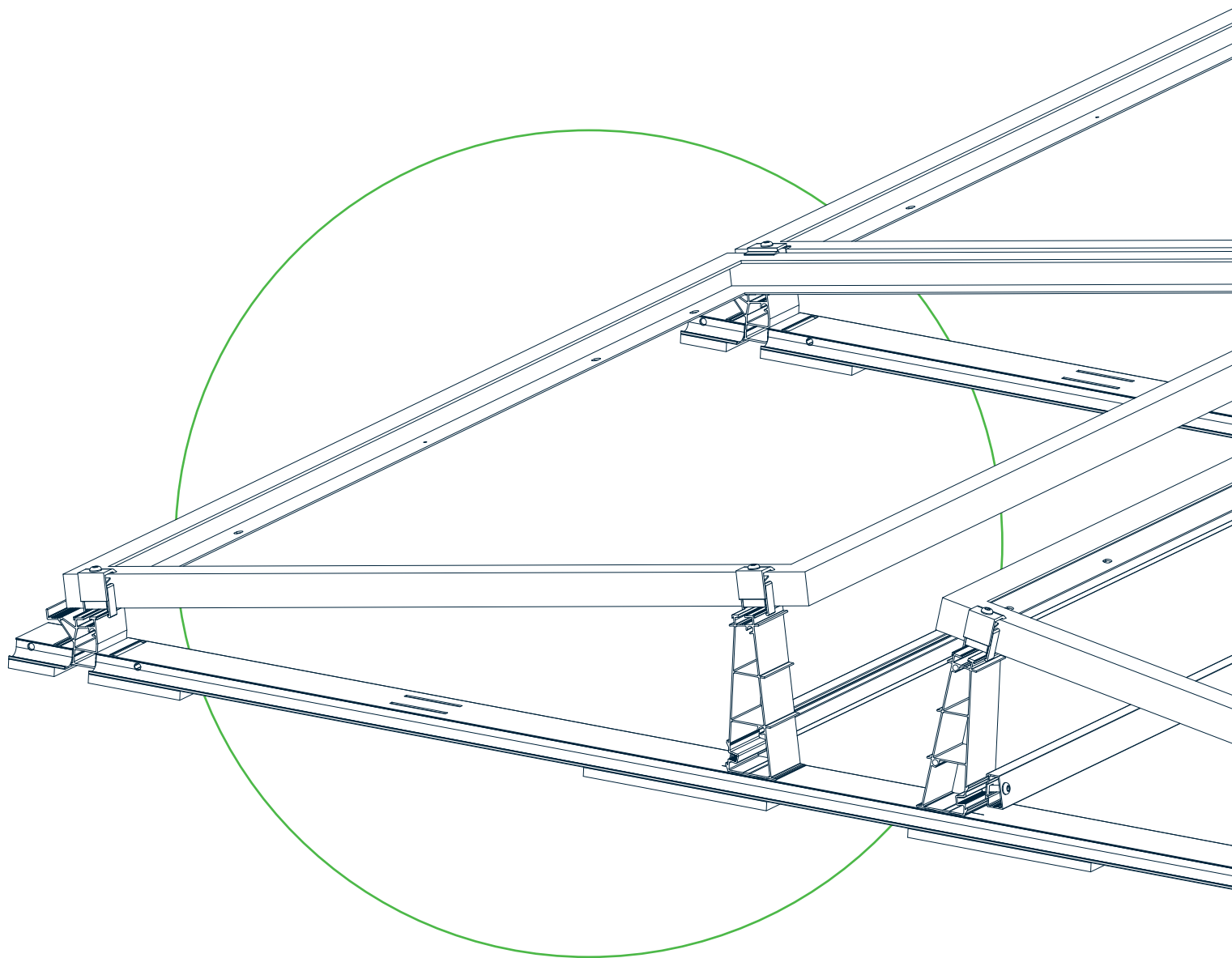


PMT EVO 2.0 EW

ASSEMBLY INSTRUCTIONS



ONLY **FIVE STEPS**
TO THE COMPLETE SYSTEM

General Safety Instructions

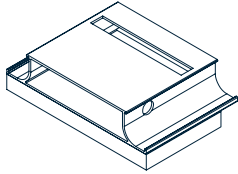


Please note that our general safety instructions must be complied with.

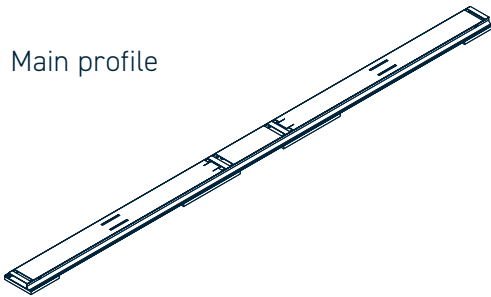
- For all information regarding ballasting, dimensions of the module area and the roof area, the current project report must be used!
- It is possible to build over a pitch change at the peak of the roof up to a roof pitch of 1.5° without additional components. The prerequisite for this is that the transition from base to connecting floor profile runs exactly above the peak and can act as a "joint".
- Peaks with a pitch >1.5° must be built over using ridge connectors or be left free. Low points must not be built over. Otherwise the roof cladding may be damaged. In the event of noncompliance, PMT reserves the right to exclude liability.
- Before installation, the compatibility of the system with the roof must be determined.
- Systems may only be installed and commissioned by persons who, due to their professional qualification (e.g. training or activity) or experience, can guarantee that they are carried out in accordance with the regulations.
- Before installation, verify whether the product meets the static requirements applicable on site. For roof systems, also check the load-bearing capacity of the roof. National and local building regulations, standards, and environmental protection regulations must be complied with.
- For roof pitches greater than 1°, it is strongly recommend that the system be connected to the roof structure in order to prevent a "caterpillar effect" caused by thermal linear expansion. For roof pitches of 5° and above, it is imperative that the system must be structurally fixed to the roof.
- Occupational safety and accident prevention regulations, corresponding standards, and trade association regulations must be complied with.
- The module manufacturers' assembly instructions must be complied with.
- In the event of non-compliance with our general safety instructions or assembly instructions or not using all system components, including installation and upgrading using components that have not been supplied by us, we accept no liability for resulting defects and damages and warranty is rendered void in this instance.

Components

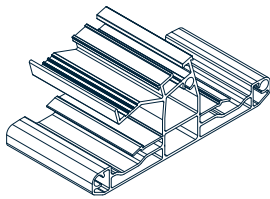
A Edge profile



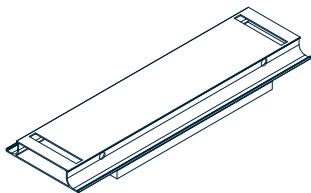
B Main profile



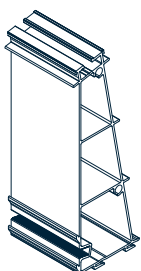
C Base



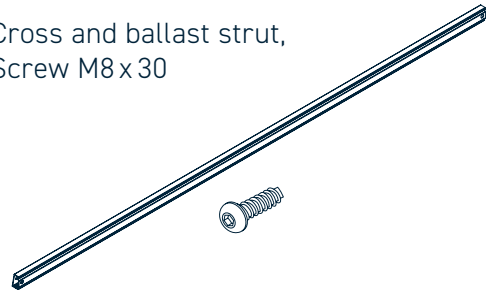
D Main profile connector



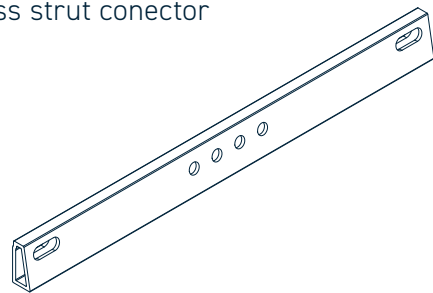
E Tower



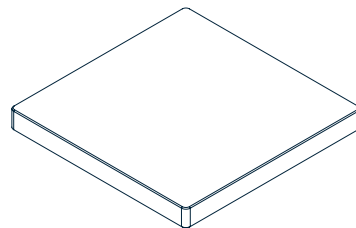
F Cross and ballast strut,
Screw M8 x 30



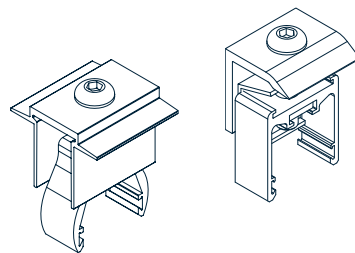
G Cross strut connector



H Ballast stone

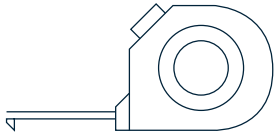


I Middle and end clamp

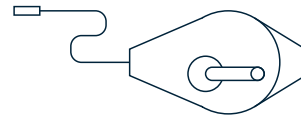


Required Tools

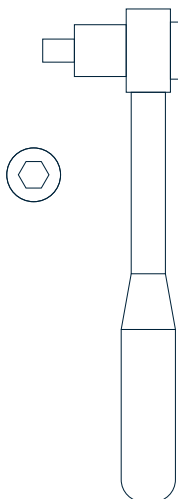
1 Tape measure



2 Chalk line



3 Torque wrench with attachment
SW 5 mm allen key socket

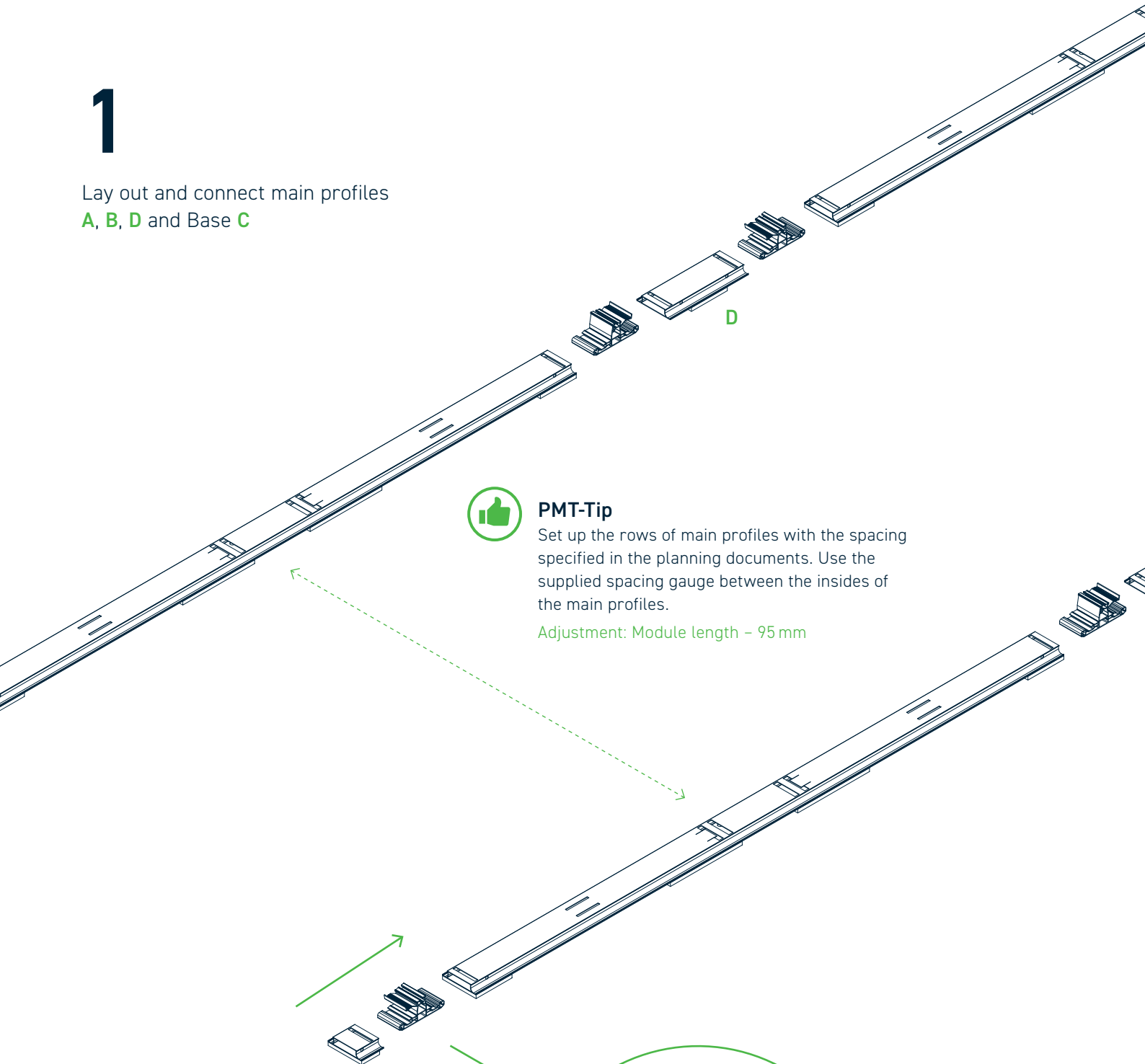


4 Distance gauge



1

Lay out and connect main profiles
A, B, D and Base C



PMT-Tip

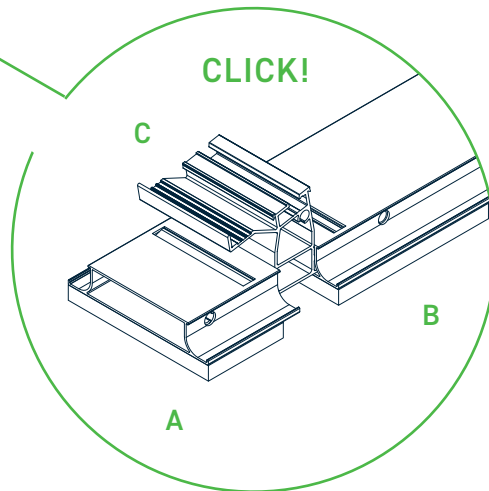
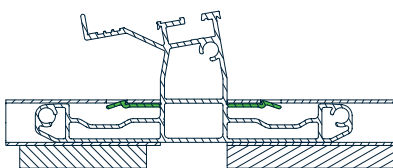
Set up the rows of main profiles with the spacing specified in the planning documents. Use the supplied spacing gauge between the insides of the main profiles.

Adjustment: Module length - 95 mm



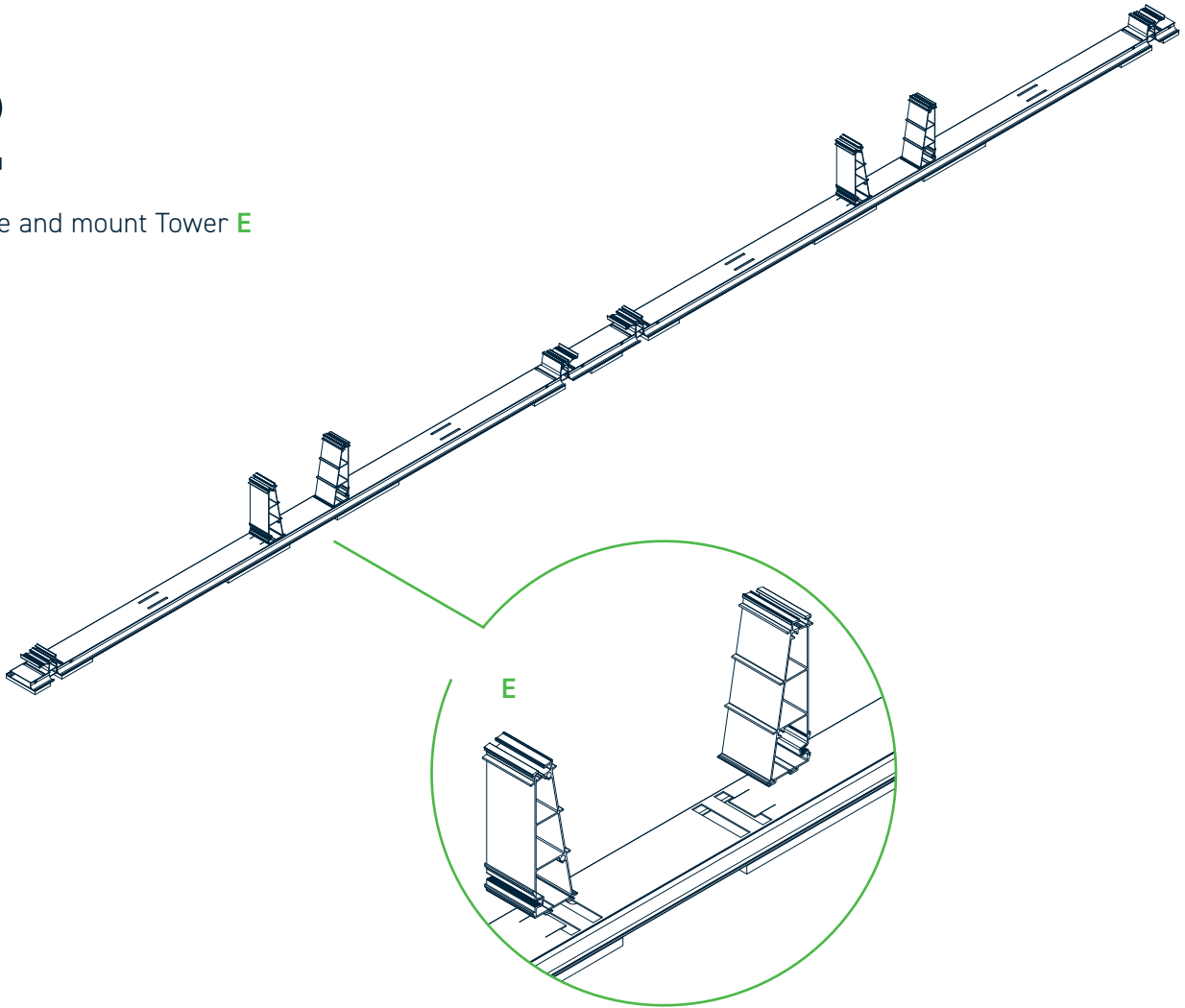
Attention!

Check the latching connection for proper fitting.

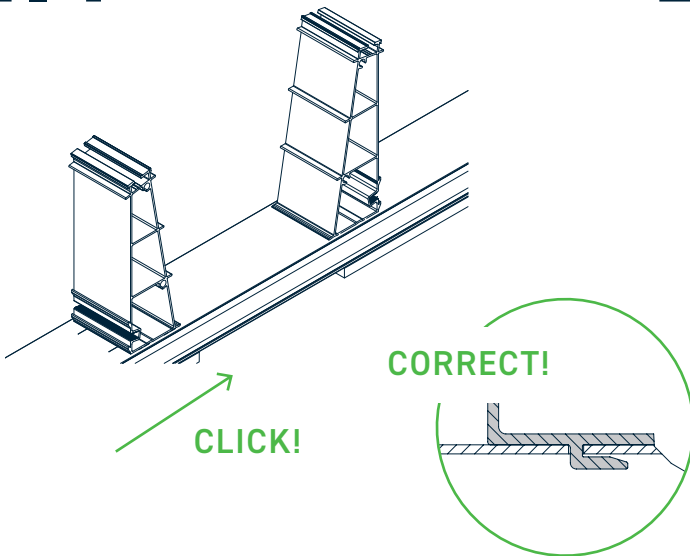


2

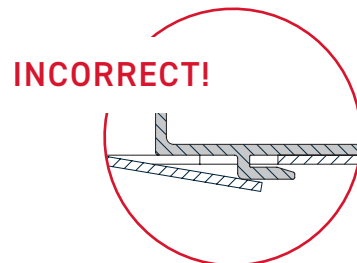
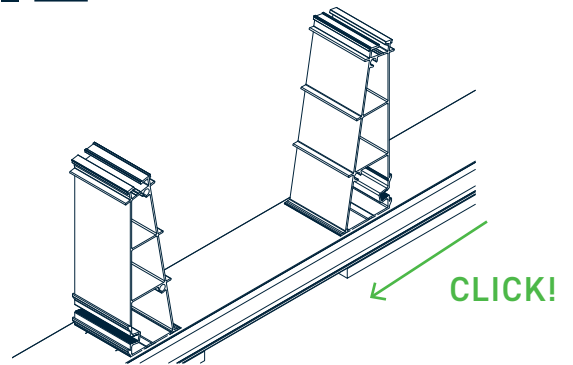
Place and mount Tower **E**



2.1

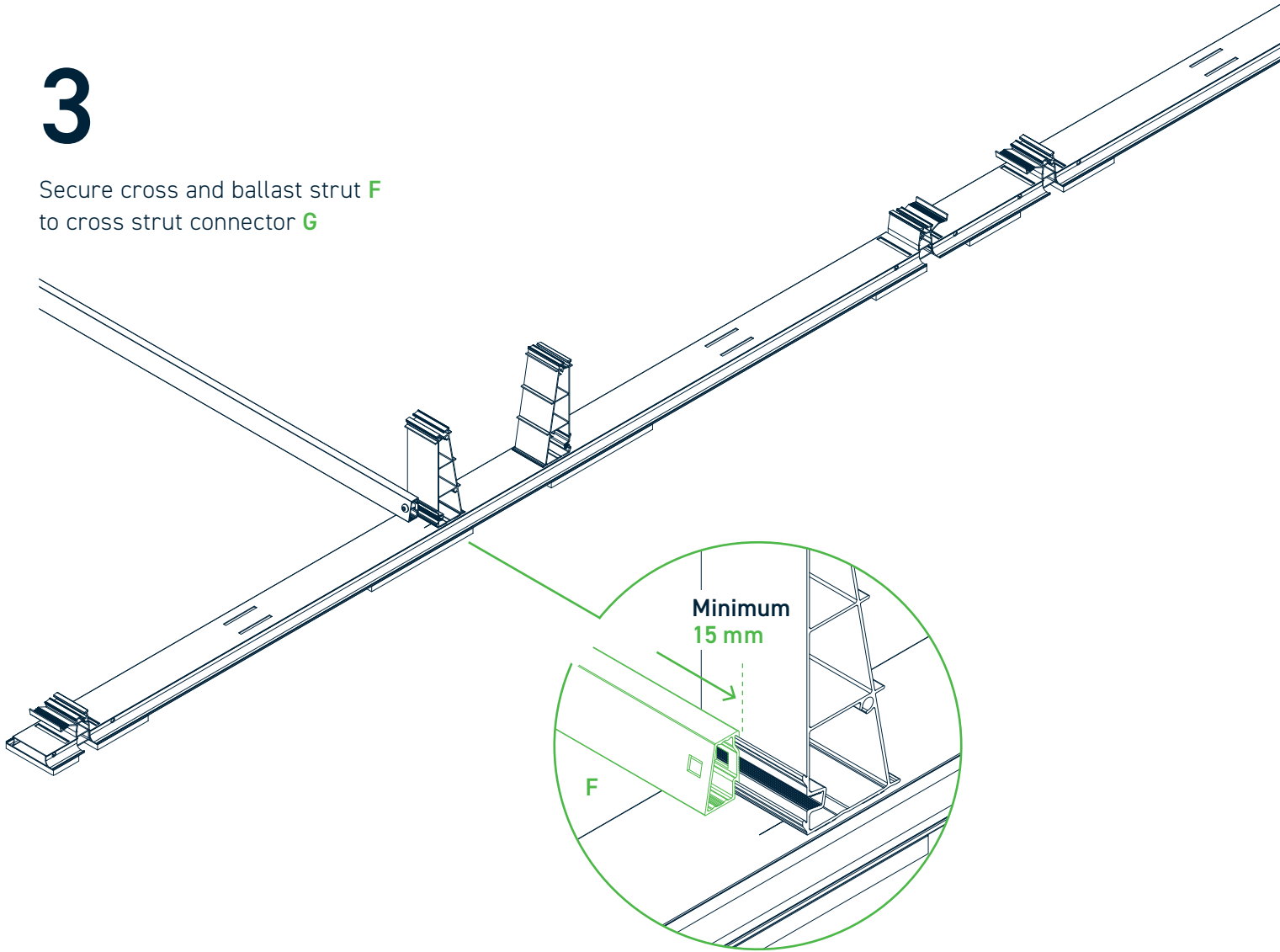


2.2

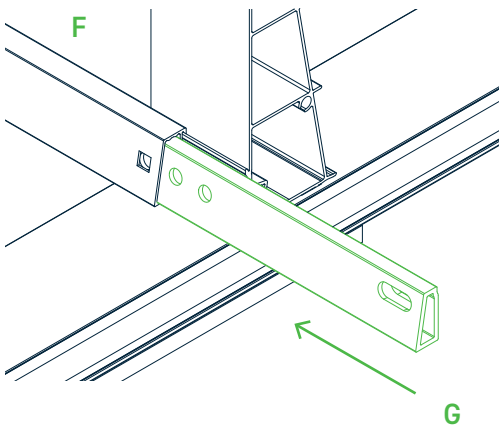


3

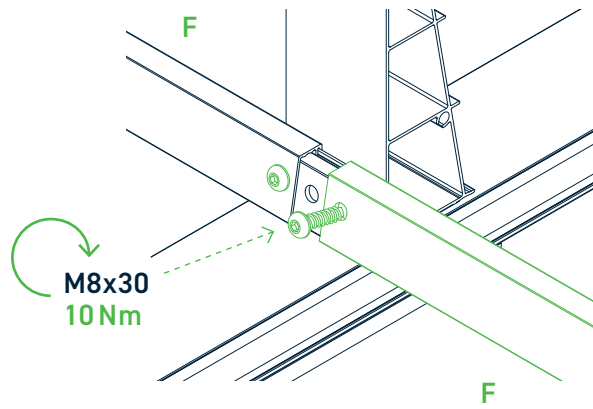
Secure cross and ballast strut **F**
to cross strut connector **G**



3.1

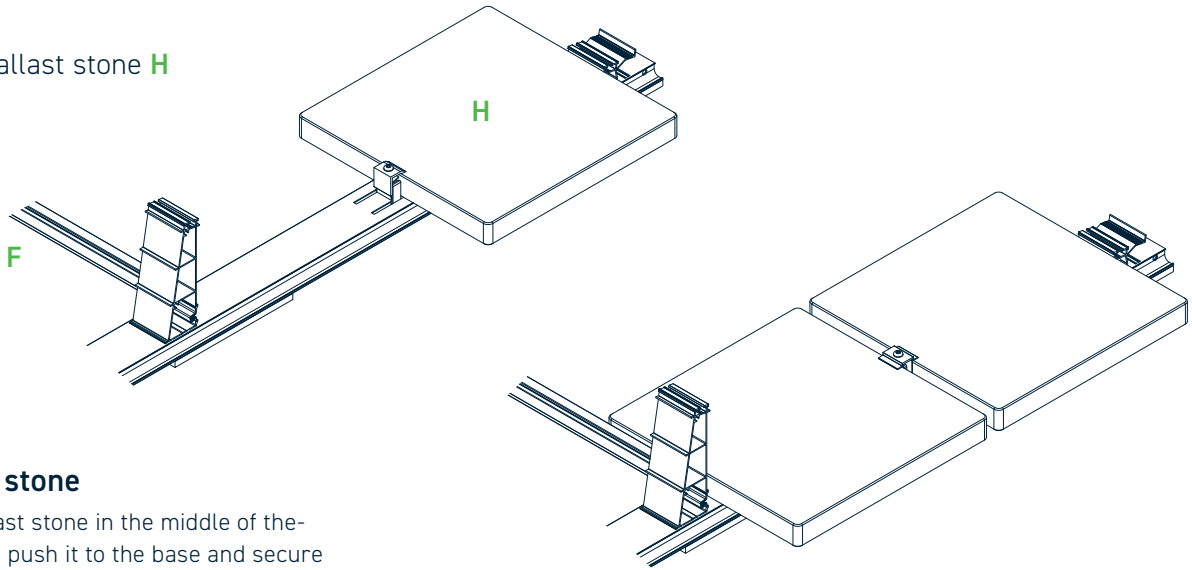


3.2



4

Position ballast stone **H**

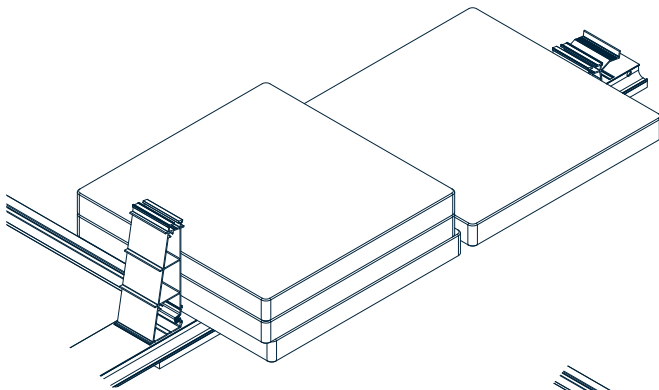


1 Ballast stone

Place 1 ballast stone in the middle of the main profile, push it to the base and secure it using the end clamp.

2 Ballast stones

Place 2 ballast stones in the middle of the main profile and use the middle clamp to secure them.



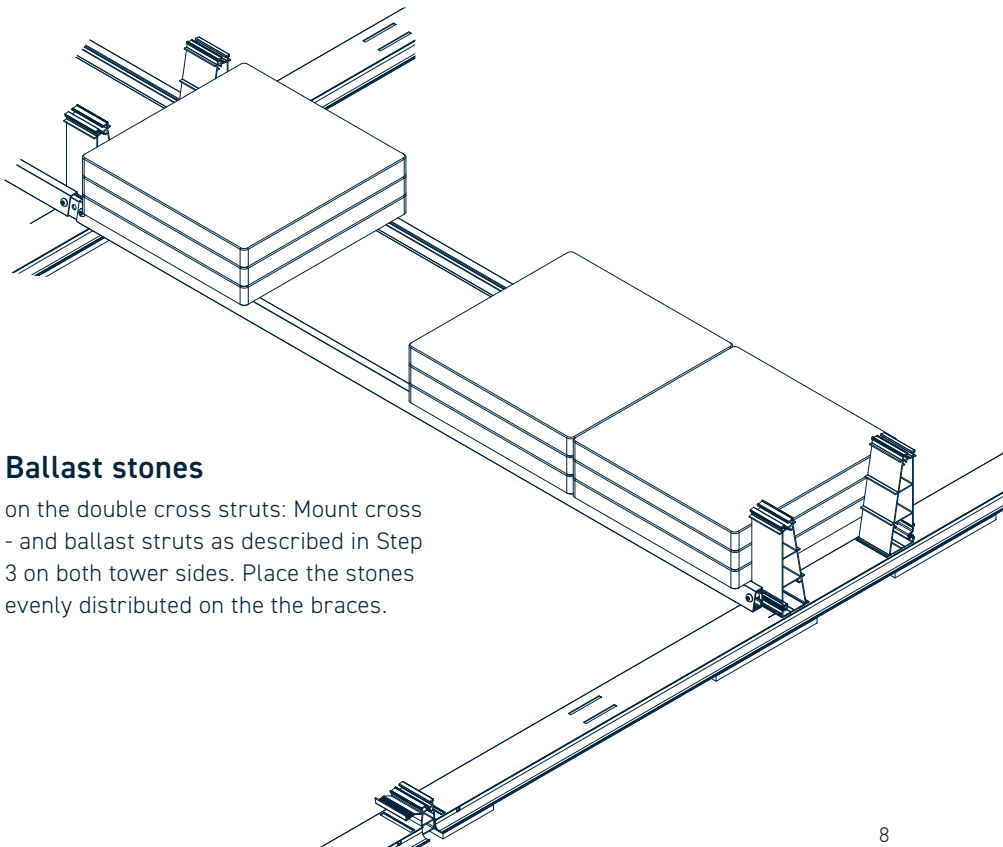
Maximum 135 kg

per ballast strut arrangement.

Always refer to the relevant project report for the number, positions and weights of the ballast stones required.

3 - 4 Ballast stones

Secure ballast stones 1+2 as described using middle clamps. Put on ballast stones 3+4 and push them towards the tower.



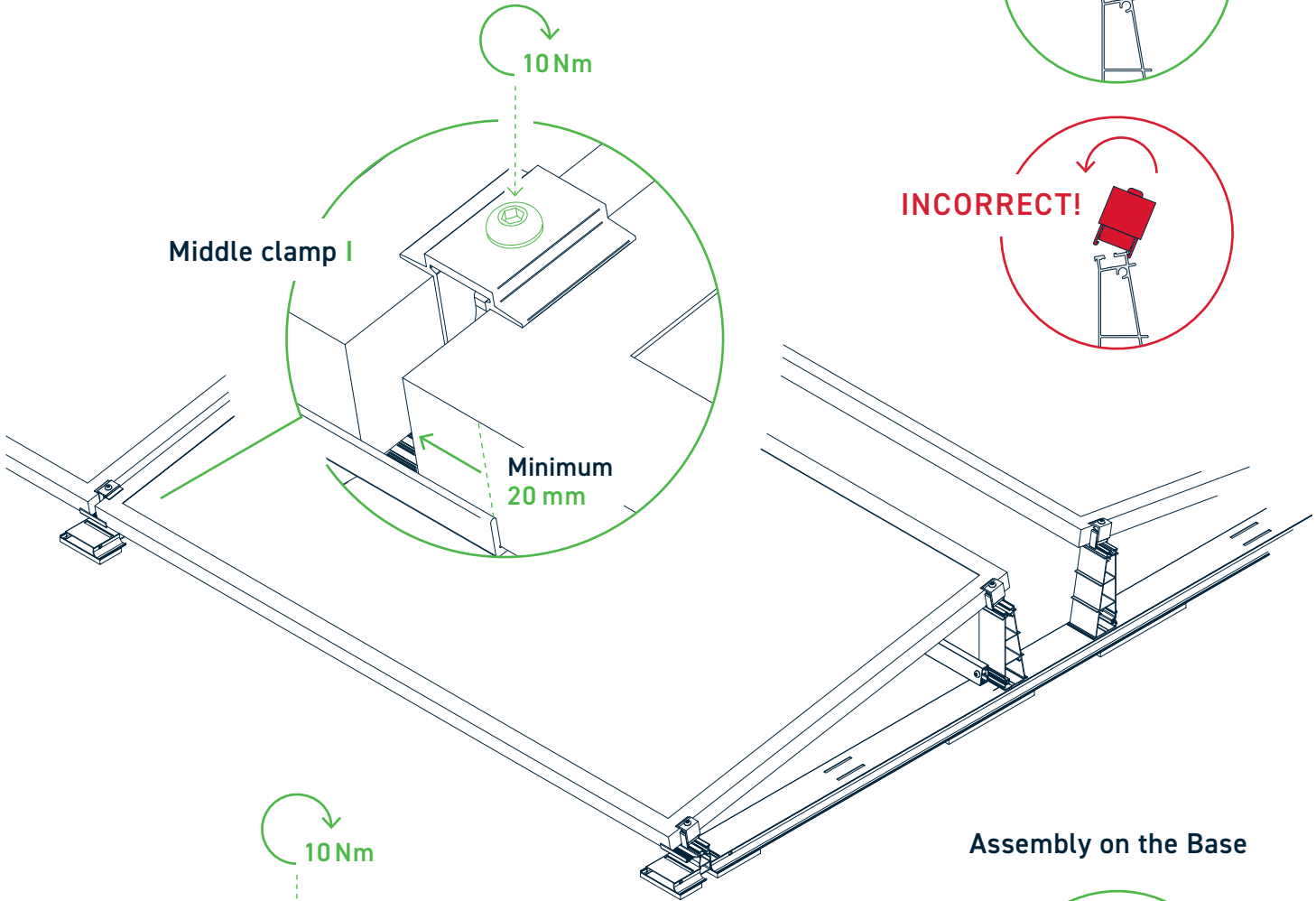
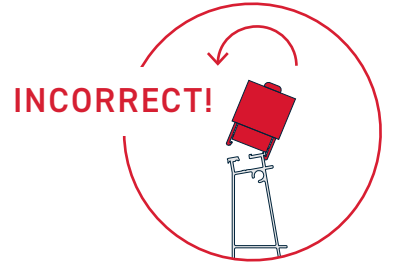
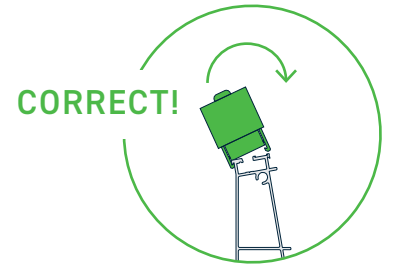
Ballast stones

on the double cross struts: Mount cross - and ballast struts as described in Step 3 on both tower sides. Place the stones evenly distributed on the the braces.

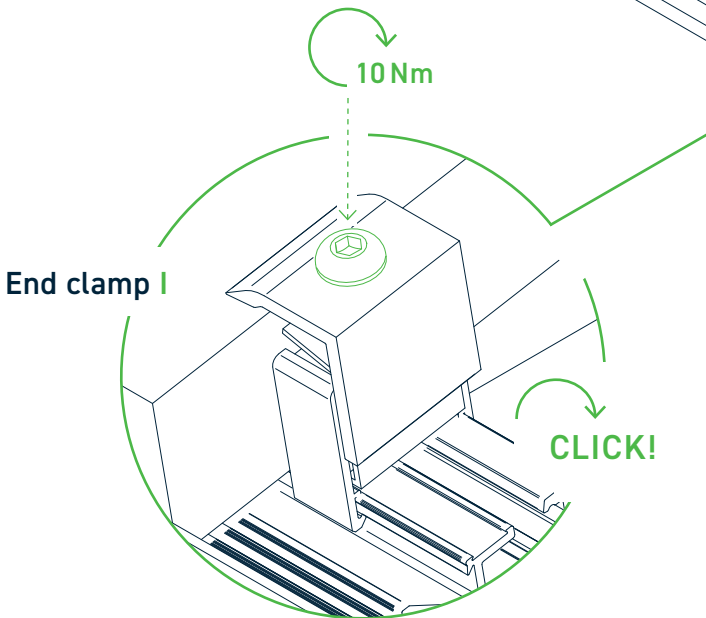
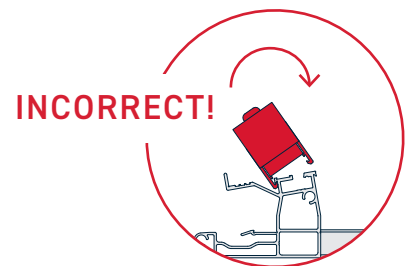
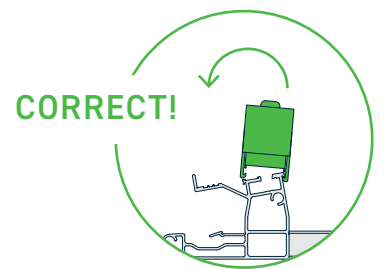
5

Mount middle and end clamps I and screw on the modules

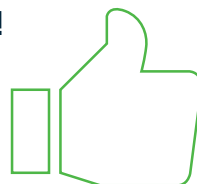
Assembly on the Tower



Assembly on the Base



DONE!



Service-Hotline

+49 9225 9550 0

We are happy to advise you.

Premium Mounting Technologies GmbH & Co. KG
Industriestr. 25
D-95346 Stadtsteinach

T +49 9225 9550 0
F +49 9225 9550 999
info@pmt.solutions

www.pmt.solutions