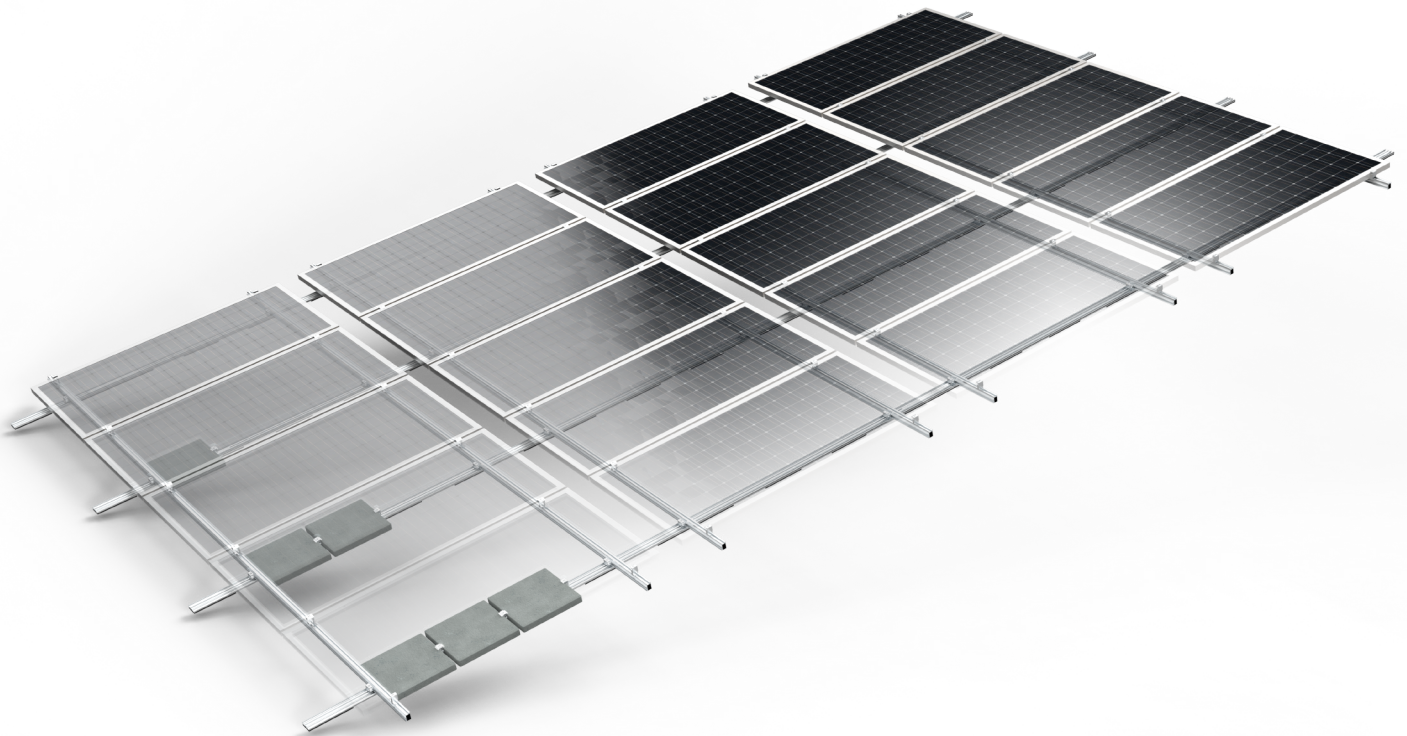


SCOTT FLAT DIRECT

PRODUCT DATASHEET AND ASSEMBLY



SCOTT  NORGE

IT'S THAT EASY.

Contents

SCOTT FLAT DIRECT

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Required Material	4
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GENERAL SAFETY INSTRUCTIONS

Please note that our general safety instructions must be observed. Please read the general safety instructions first and deal with the assembly instructions.

- › Before installation, the system compatibility with the roof is to be checked.

- › Facilities may only be assembled and put into operation by those persons who guarantee an implementation in accordance with the instructions owing to their professional competencies (instructor or work practice) or experiences.

- › Before assembly, it must be checked whether the product meets all on-site static requirements. With roof installations, the on-site load-bearing capacity of the roof is also to be checked. National and site-specific building regulations, standards and environmental protection regulations must be observed.

- › Industrial safety regulations and accident prevention regulations, appropriate standards and regulations of professional associations are to be observed.

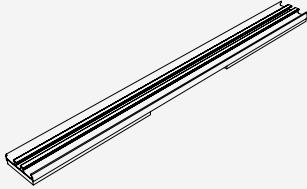
- › The manufacturer's specifications are to be observed.

- › When non-complying with our general safety instructions as well as installing or adding component parts of competitor companies, Scott reserves the right of exclusion of liability.



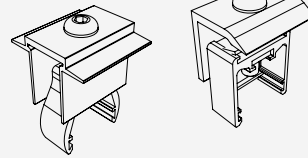
REQUIRED MATERIAL

Required



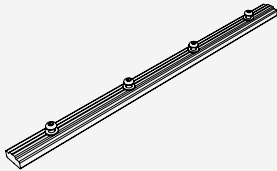
A¹ A² A³ A⁴

Ground profile
(various lengths)



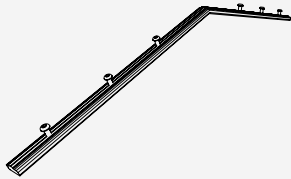
G

Middle clamps
and end clamps



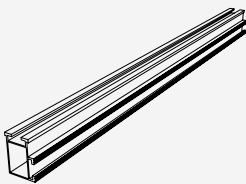
B

Ground profile
connector



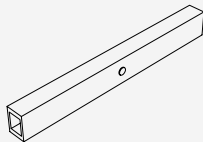
C

Ridge connector



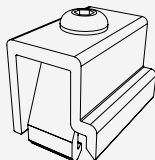
D¹ D² D³ D⁴ D⁵

Mounting profile
(various lengths)



E

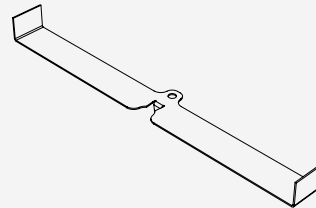
Mounting profile
connector



F

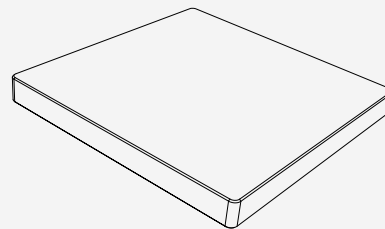
Cross-profile
connector

Optional



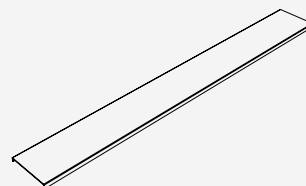
O¹

Ballast stone holder



O²

Ballast stone



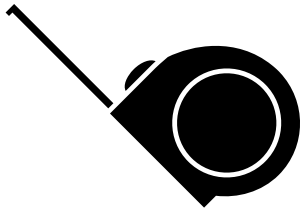
O³

Cable channel cover



REQUIRED TOOLS

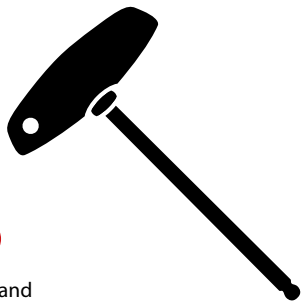
Required



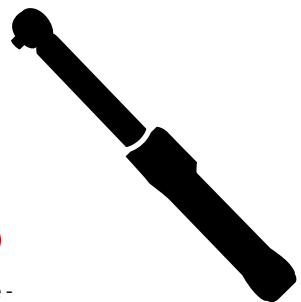
Measuring tape



Chalk line



T-handle and
Bit set SW5

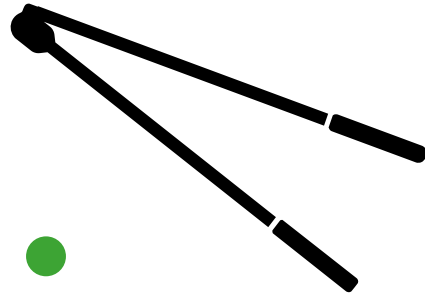


Torque -
wrench

Optional

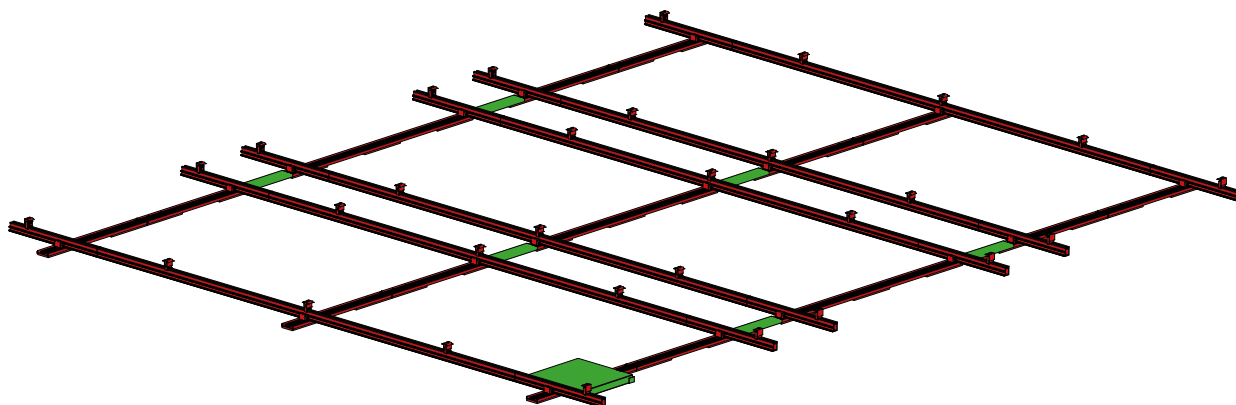


Rubber hammer



Bending tool

In only
4 steps
to a complete system

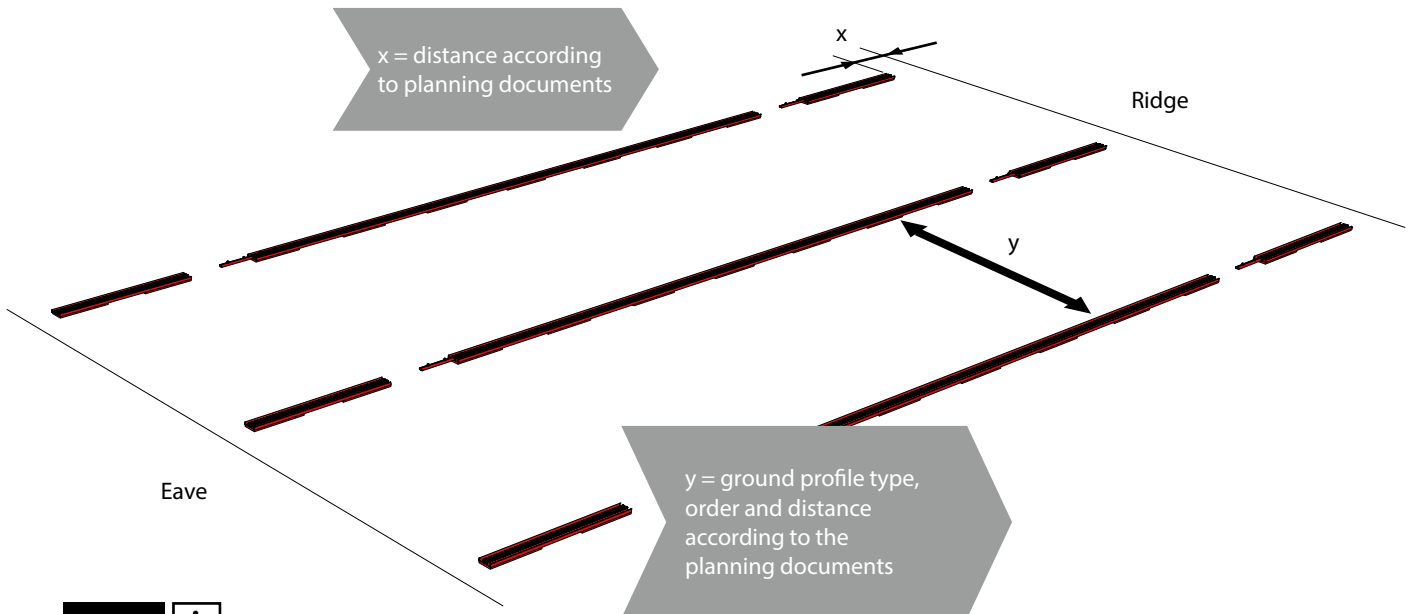


Required

Optional

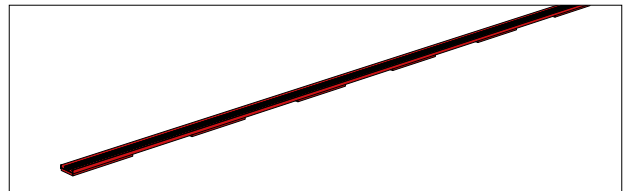
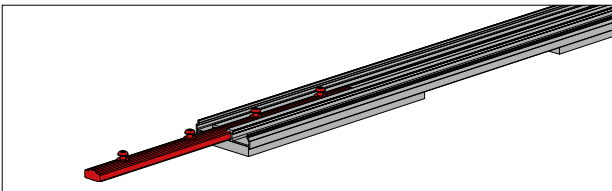
1.

STEP POSITION GROUND PROFILES A¹, A², A³, A⁴, CONNECT AND INSTALL



INFO

All Scott ground profiles are equipped with a high-tech protection mat featuring a thickness of 11-mm. This ensures unhindered water outlet and prevents damage to the roofing caused by mechanical effects and long-term damage through plasticizer migration.



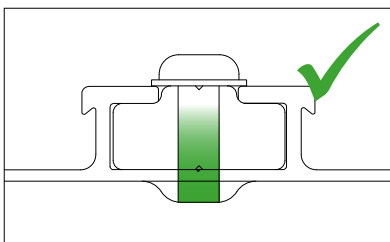
PREPARATORY WORK:

Clean the roof area and clean up all malfunction objects; measure the roof area and compare the results with the planning documents; mark system corner dimensions.

PROCESS:

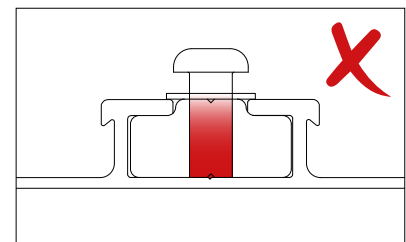
The components ground profile **A**, ground profile connector **B** are to be positioned one after the other in accordance to the planning documents. The order here is from the ridge to the eave. Insert the connector halfway into the ground profile **A** and tighten the two screws. Then insert the ground profile **A** according to the planning documents and tighten the two screws. All ground profiles **A** are now to be connected according to the planning documents and set up at the correct distance.

Minimum torque 12 Nm and maximum torque of 15 Nm. (Please note MAINTENANCE.)



CORRECT

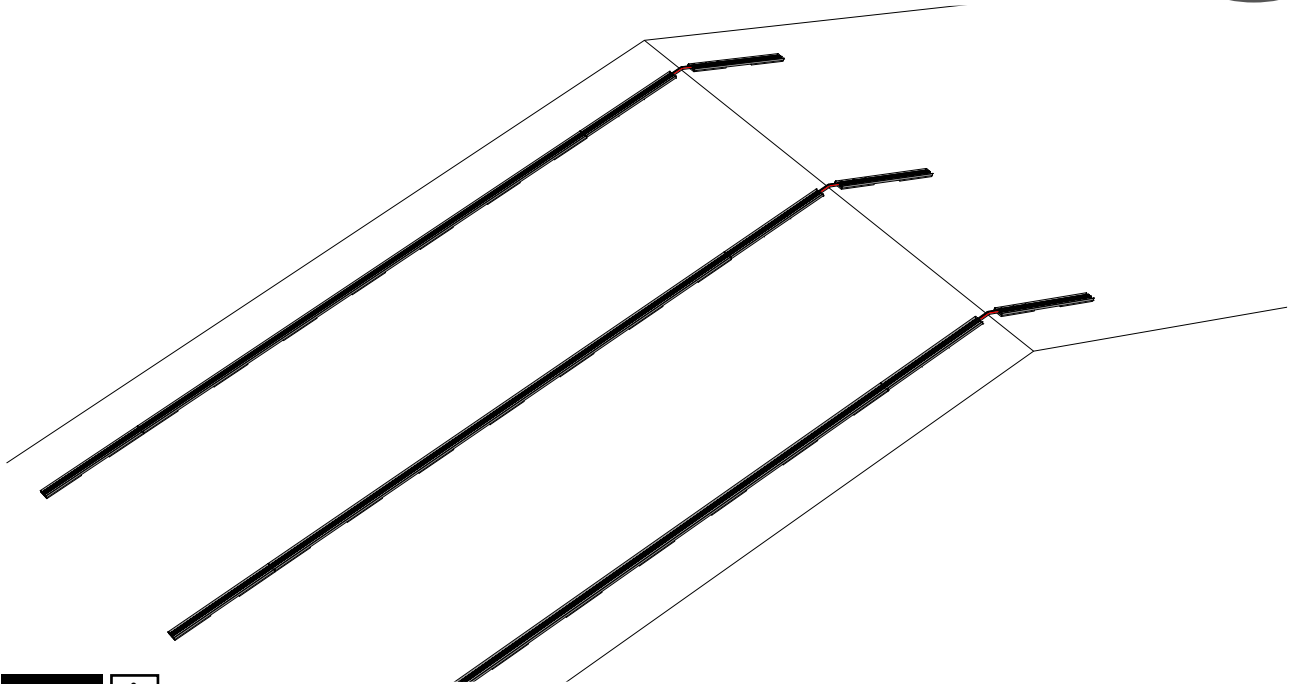
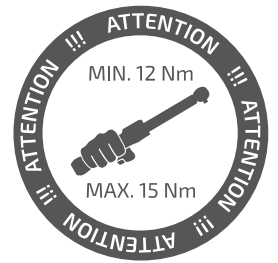
WARNING 



WRONG

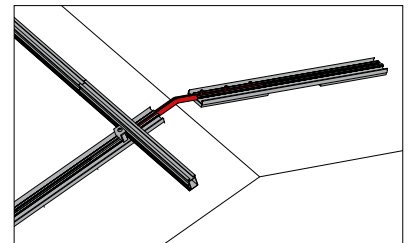
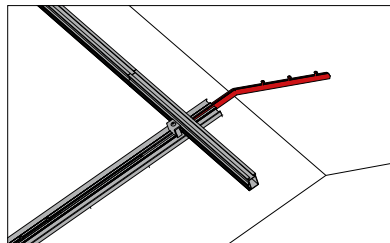
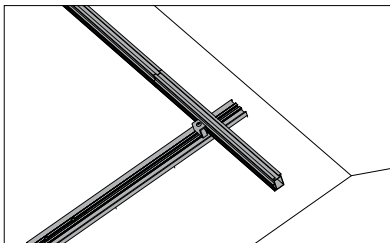
2.

STEP RIDGE CONNECTOR C



INFO

The ridge connector is a component which is relevant to the safety of the ground and must be mounted in every ground profile pair! Failure to follow this requirement leads to the exclusion of liability and represents a significant threat to system safety!

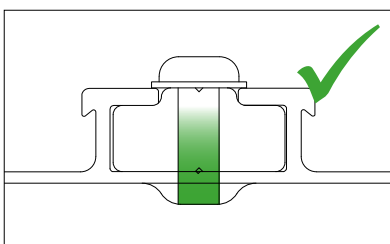


PROCESS:

The ridge line is to be checked for smooth and even routing. It is imperative to avoid touching the skin. If necessary, protective mats should be added. Using the supplied bending tool, bend the angle determined on the roof. Insert the ridge connector C into the first ground profile A and screw in. Insert the connector A on the other side of the roof also in the ridge connector A and screw in.

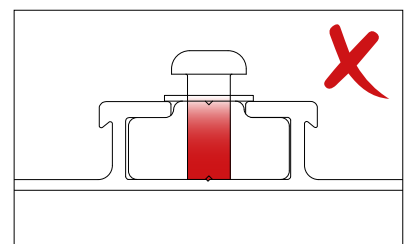
Minimum torque 12 Nm and maximum torque of 15 Nm. (Please note MAINTENANCE.)

ridge connector C with the roof
ridge connector C to the inclination
connector A



CORRECT

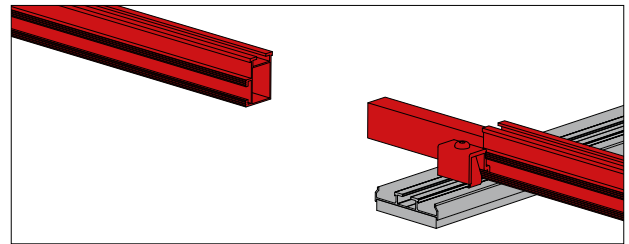
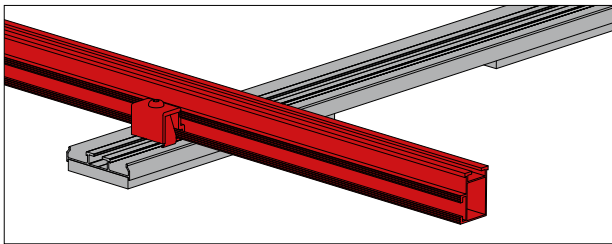
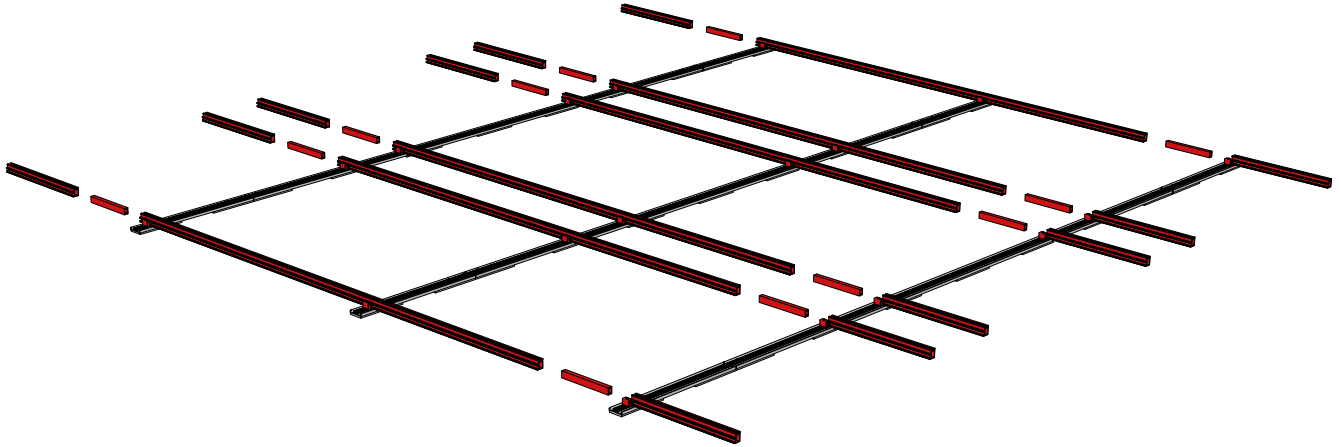
WARNING 



WRONG

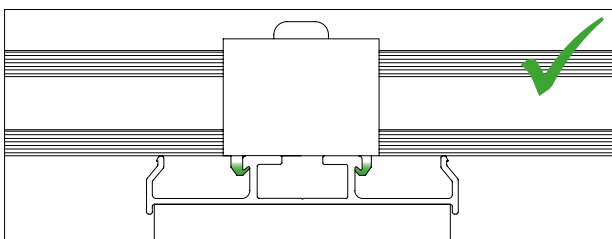
3.

STEP POSITION AND INSTALL THE MOUNTING PROFILE D

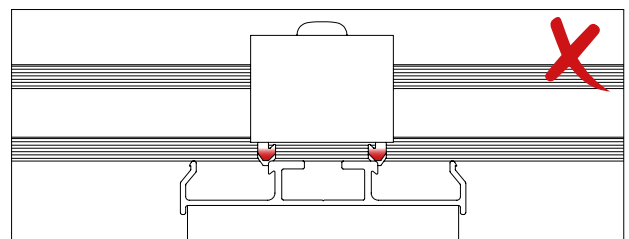


PROCESS:

Lay the mounting profiles **D** according to the planning documents transversely to the ground profiles **A**. Insert the mounting profile connector **E** halfway into the mounting profile **D** where it is to be connected, fit the second mounting profile **D** and flushly connect it by using a mallet. Install the mounting profile strand to the ground profile **F** by using a cross-profile connector **A**. For this purpose, the cross-profile connector **F** is to be clicked on the ground profiles **A** and connected to the lateral receiving channel of the mounting profiles **D**. Lock into place by tightening the screw in the cross-profile connector **F**. Minimum torque 12 Nm and maximum torque of 15 Nm. (Please note MAINTENANCE.)



CORRECT



WRONG

EXPERT TIP

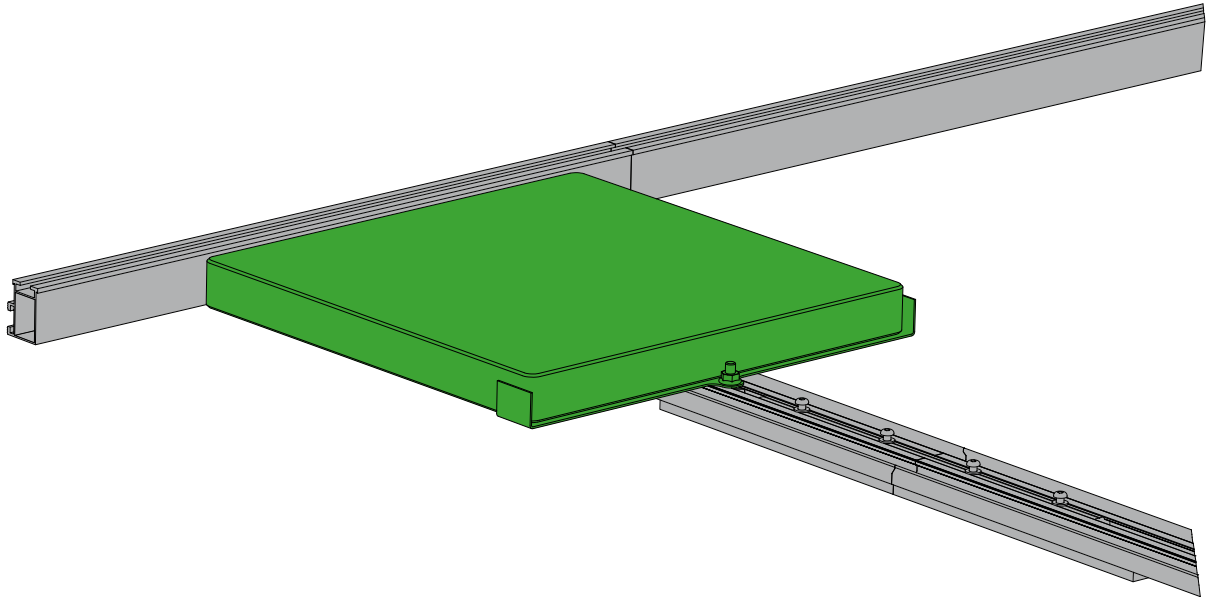


PREPARATORY WORK:

The cross-profile connector must always be attached to the side of the mounting profile facing the lowest point of the roof!
To do this, position the mounting profile on the roof surface accordingly!

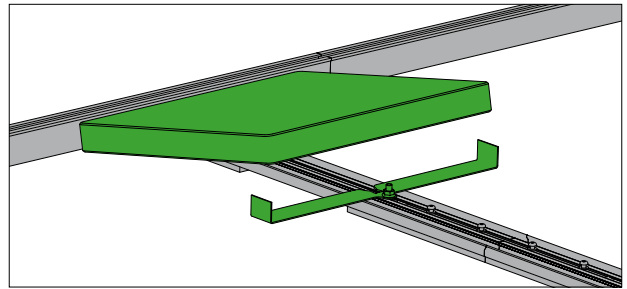
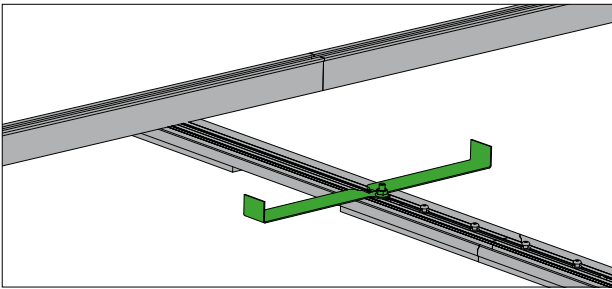
1.

OPTIONAL STEP BALLAST STONE O²







INFO

Any additional loading of the system is dependent on many parameters such as building height, building orientation, surroundings of the building, and the type of roofing and much more, which means no additional ballast or a lot of ballast may be required.



PROCESS:

Place the ballast on the ground profile  as noted in the planning documents. Recommended stone format: 40 x 40 cm up to a thickness of 4 cm. It is recommended to secure the ballast against slipping and sliding. For this purpose, a hammer head mount of the ground profile  or alternatively fix the ballast stone holder  using a hammer head screw onto the ground profile .

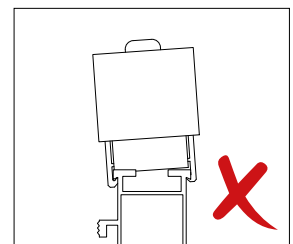
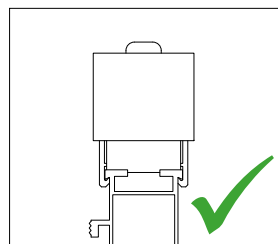
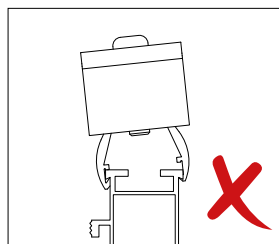
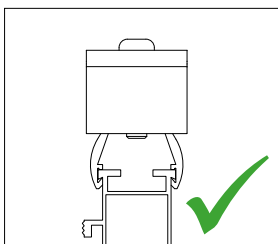
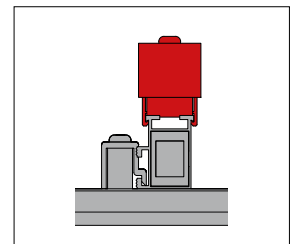
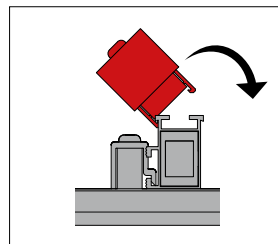
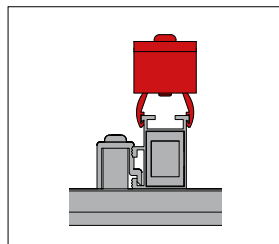
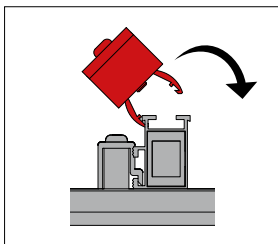
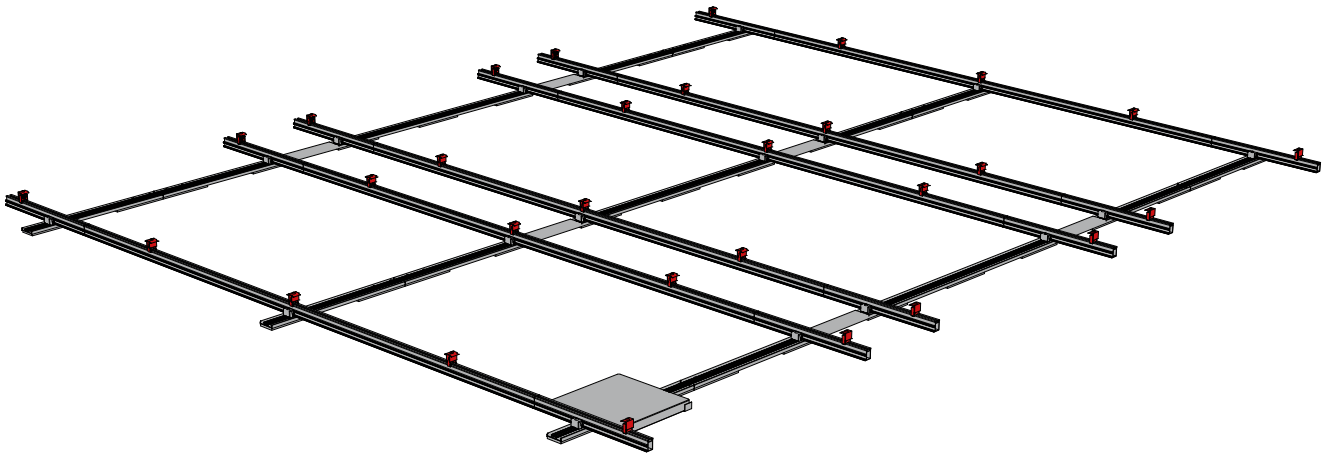
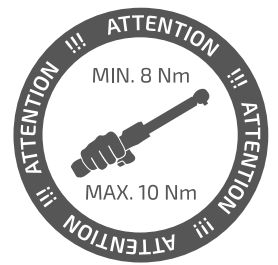
WARNING

Positioning of ballasting must always be strictly done in accordance with the planning documents. Any other arrangement or omission of ballast elements might endanger the static stability of the entire complex and poses an enormous risk. Deviations from the planning must always be coordinated with Scott and only be implemented after written approval. Positioning of the ballast elements is to be chosen in such a way that sliding down, tilting or jiggling is avoided. Ballast must rest on the entire surface, it is not sufficient to lean ballast against the surface.

4.

STEP MOUNT THE MIDDLE AND END CLAMP AND SCREW THE MODULE TOGETHER

G



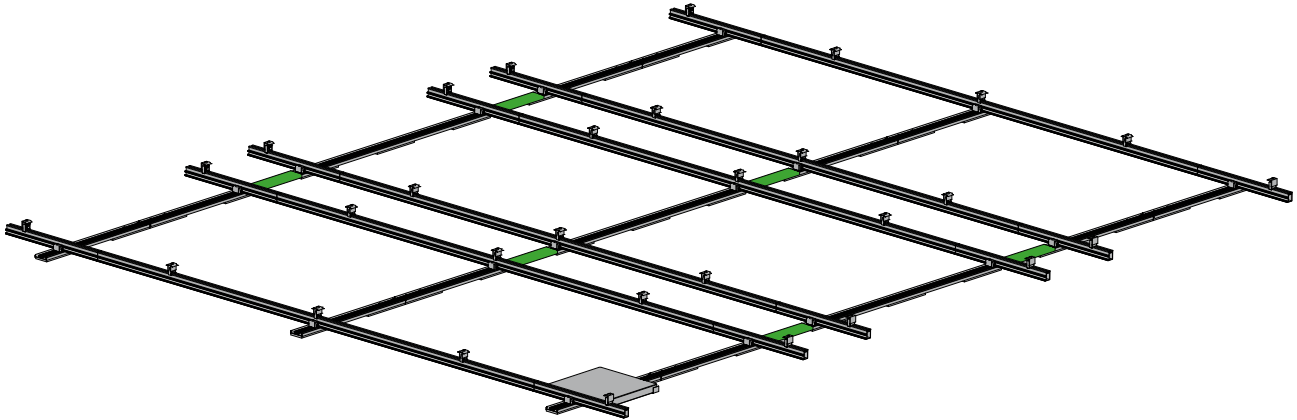
PROCESS:

Insert the middle and end clamps **G** on the guide groove of the ground profile **A** and press on the opposing guide groove until the click locks engage audibly. Ensure the clamp is secure and flush in the guide grooves. Place the modules and observe the planned positioning on the mounting profile according to the planning documents. Make sure that the middle and end clamps **G** on the module are flat and clean! Tighten the locking screws. The assembly instructions for the module manufacturers must be complied with. Minimum torque 8 Nm and maximum torque of 10 Nm. (Please note MAINTENANCE.)



2.

OPTIONAL STEP CABLE CHANNEL COVER O³



INFO

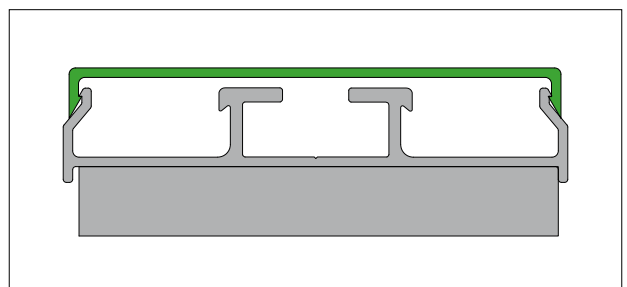
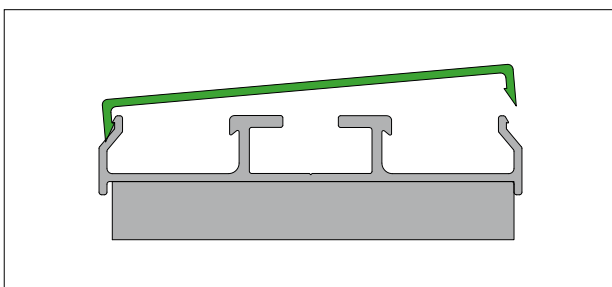
In order to protect the string lines against permanent and harmful environmental influences, in particular UV radiation, all Scott ground profiles have cable channel coverings. The installation of the cable channel covers is possible after every step during the system set up.

PREPARATORY WORK:

Check the correct position of the string cables; ensure permanent and secure attachment of the string cable, to prevent damage to the cables by movements (wind).

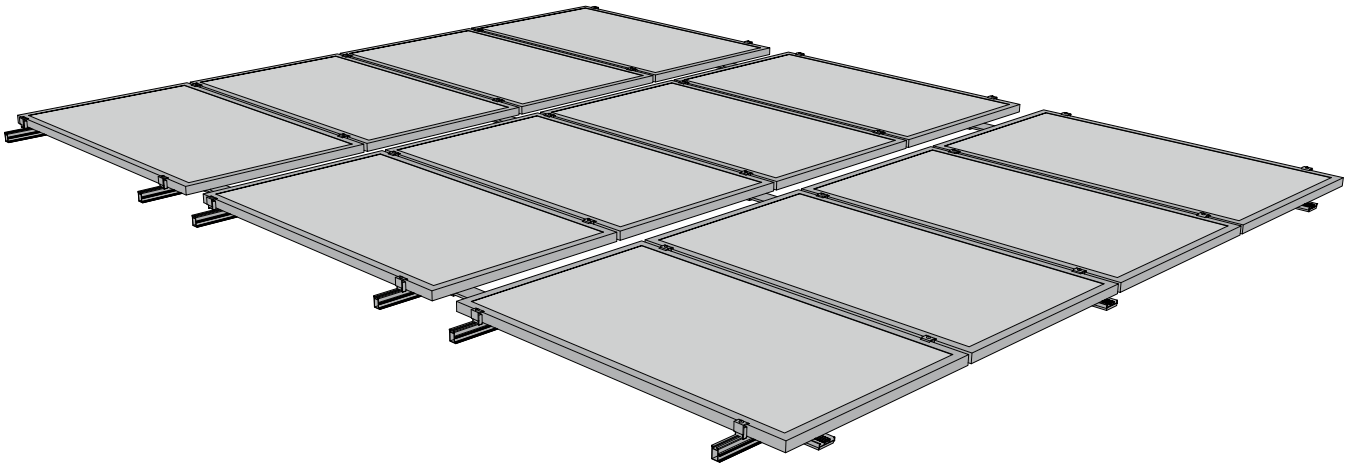
PROCESS:

Connect the cable channel cover  to the ground profile  between the modules and load it centrally until the click lock engages audibly.





COMPLETED



FINAL CHECK



- › Check whether the complete system and ALL component parts are mounted in accordance with the planning documents and that there are no deviations.
- › Check whether ALL inner hexagon screws are positioned in the places provided (rear wall, cross and ballast braces).
- › Check whether ALL screws are tightened with the turning moment provided in the assembly instructions (middle clamps, end clamps, cross connectors, ground profile connectors, wall cover connectors, ridge connectors). **WARNING:** This is relevant for structural safety and might lead to considerable damage!
- › Check whether ALL ballasting is positioned with sufficient weight in accordance with the planning documents and whether they are permanently stable and safe. **WARNING:** This is relevant for the structural safety and might lead to considerable damage!

Changes and deviations from the planning documents must be coordinated in writing with Scott Norge AS

Thank you for choosing a Scott mounting system!!!



