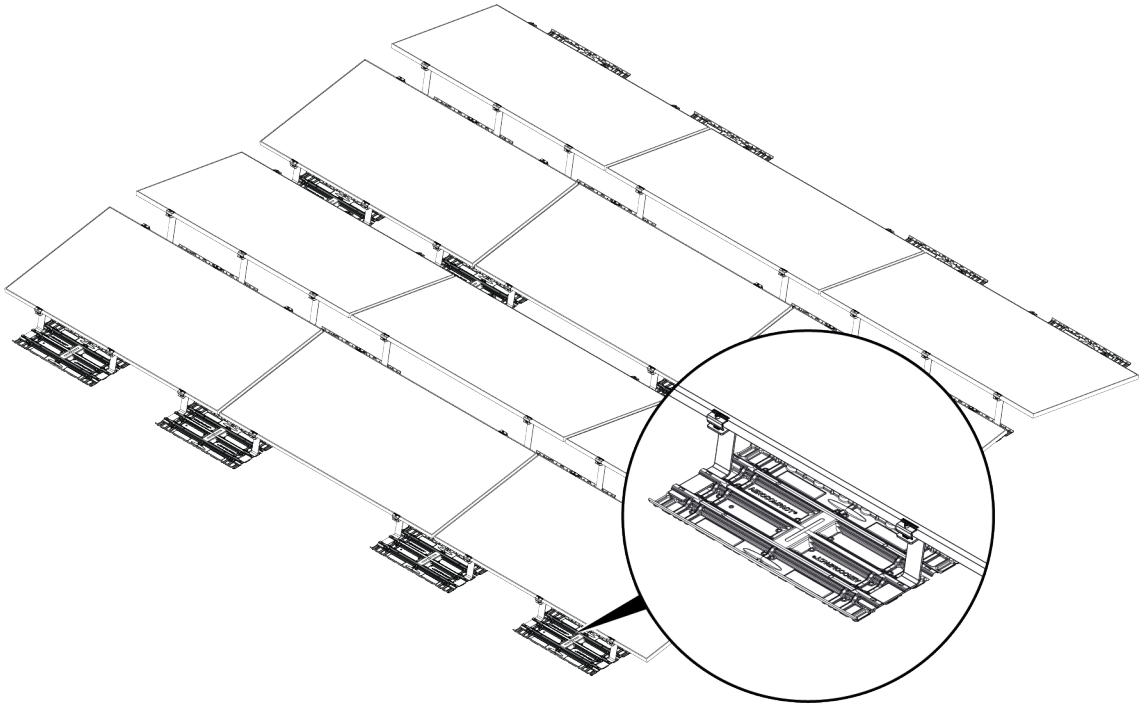
AEROCOMPACT®

ENGLISH



Assembly Instruction

COMPACT**FLAT** SB10 PLUS

Version : 3.0
Language : English
Important! Read carefully before installation!

Legal Notice

Manufacturer

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Creation date

08/2025

TOC

GENERAL

These assembly instructions describe the assembly procedure and must be strictly adhered to. Read these installation instructions carefully before starting installation. The basic prerequisite for safe working is compliance with all the safety and handling instructions in these installation instructions. In addition, the local accident prevention regulations and general safety regulations for the area of application of the product apply. Illustrations in these instructions are for basic understanding and may differ from the actual design.

APPLICABLE DOCUMENTS

In addition to this manual, you have received an AEROTOOL project report, planning documents and drawings. Always comply with the instructions and notes contained therein.

LIMITATION OF LIABILITY

All information and instructions in these assembly instructions have been compiled taking into account the applicable standards and regulations, the state of the art and our many years of knowledge and experience. Liability provisions are stated in our **terms** and can be accessed at **www.aerocompact.com/downloads**.

EXPLANATION OF SYMBOLS

SYMBOLS FOR INSTRUCTIONS


Prerequisites for action instruction


Step by step action instruction


Results of action steps


This note provides useful information for smooth installation

SYMBOLS IN ILLUSTRATIONS - ACTIVITIES


Optional component,
optional mounting variation


Visual inspection


Activity by hand


Observe right angle


Check AEROTOOL project report or planning documents


Assembly tip

SYMBOLS IN ILLUSTRATIONS - TOOLS


Measuring tape, measure


Cordless screwdriver, screwdriver


Pencil, mark


Use a torque wrench,
Observe torque


Chalk line


Use Allen key


Scissors, tin snips, cut to size

SAFETY

The following list serves as an indication of the most common safety risks that can occur when installing these products. There is no liability for the completeness of the risks presented. A specific check of the necessary safety measures must be carried out by an authorized specialist company before installation.

APPROPRIATE USE

The CompactFLAT flat roof system is designed exclusively for mounting PV modules on flat roofs or similar flat surfaces. Proper use also includes correct installation in accordance with these installation instructions. Installation must be carried out by qualified personnel who are familiar with the installation of photovoltaic systems and strictly in accordance with the installation instructions, planning documents and project report. The building protection mat included in the scope of delivery is matched to the roof surface defined in the project. Due to the large number of different types of waterproofing used in the past and currently available on the market, the responsible planner must ensure compatibility and the static friction coefficient between the building protection mat and the roof structure of the building on which the system design is based. The friction coefficient is determined during the planning process using the Friction Measurement Kit.

PERSONNEL REQUIREMENTS

Installation may only be carried out by a specialist company and must be carried out strictly in accordance with the installation instructions, the project report and the planning documents. A specialist company is a company that is familiar with the installation and maintenance of photovoltaic systems as part of its normal business operations. National and local building regulations, standards and environmental protection must be complied with. Under no circumstances may the assembly personnel be under the influence of medication, alcohol, drugs or in any other condition that impairs consciousness (e.g. overtiredness). Trainee personnel may only carry out work under the instruction and supervision of specialist personnel who are authorized to train personnel.

WORKING SAFELY

The contractual partner shall ensure that all relevant safety and labor regulations are complied with during installation. Information from AEROCOMPACT Europe GmbH is supportive, but without guarantee or claim to completeness. The contractual partner is responsible for informing himself about all applicable regulations and implementing them. Areas below the roof must be protected from falling objects and blocked off if necessary. Work must not be carried out in unsuitable weather conditions, strong winds, wet conditions or temperatures below freezing. Only use intact, tested ladders and secure them. Mechanical climbing aids have their own rules and the PV mounting system must not be used as a climbing aid. Maintain a distance from overhead power lines and carry out equipotential bonding in accordance with country-specific regulations. When cutting materials to size, ensure that there are no burrs, especially on edges and corners. Rooflights, skylights and large ventilation flaps do not generally bear the load of people. Secure these areas such as roof edges. Corrugated fiber cement roofs are generally susceptible to breakthrough. Define routes and secure them with load distribution. Always use load distribution aids on non-load-bearing roof coverings (e.g. thin sheet metal, corrugated fiber cement).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Personal protective equipment is used to protect people from health and safety hazards at work. Personnel must wear personal protective equipment during installation. Personal protective equipment is explained below:

Wear safety goggles when drilling and sawing

Wear cut-resistant work gloves during assembly

Wear safety shoes

Use fall protection

Helmets must be worn by all persons working on the construction site

Wear hearing protection

STRUCTURE OF THE WARNINGS ACCORDING TO HAZARD LEVELS

The warnings used in these installation instructions indicate safety-relevant information. They consist of:

- Signal word and warning sign to indicate the hazard level
- Type and source of danger
- Consequences of ignoring the danger
- Escape (measures to avoid the danger)

WARNING SIGNS ACCORDING TO EN ISO 7010 - EXAMPLES

General

Hand injury

Risk of slipping

Risk of tripping

Electrical hazard

Cut injury

SIGNAL WORDS ACCORDING TO EN IEC/IEEE 82079

Personal injury
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Personal injury
Indicates a potential hazard which, if not avoided, will result in death or serious injury.

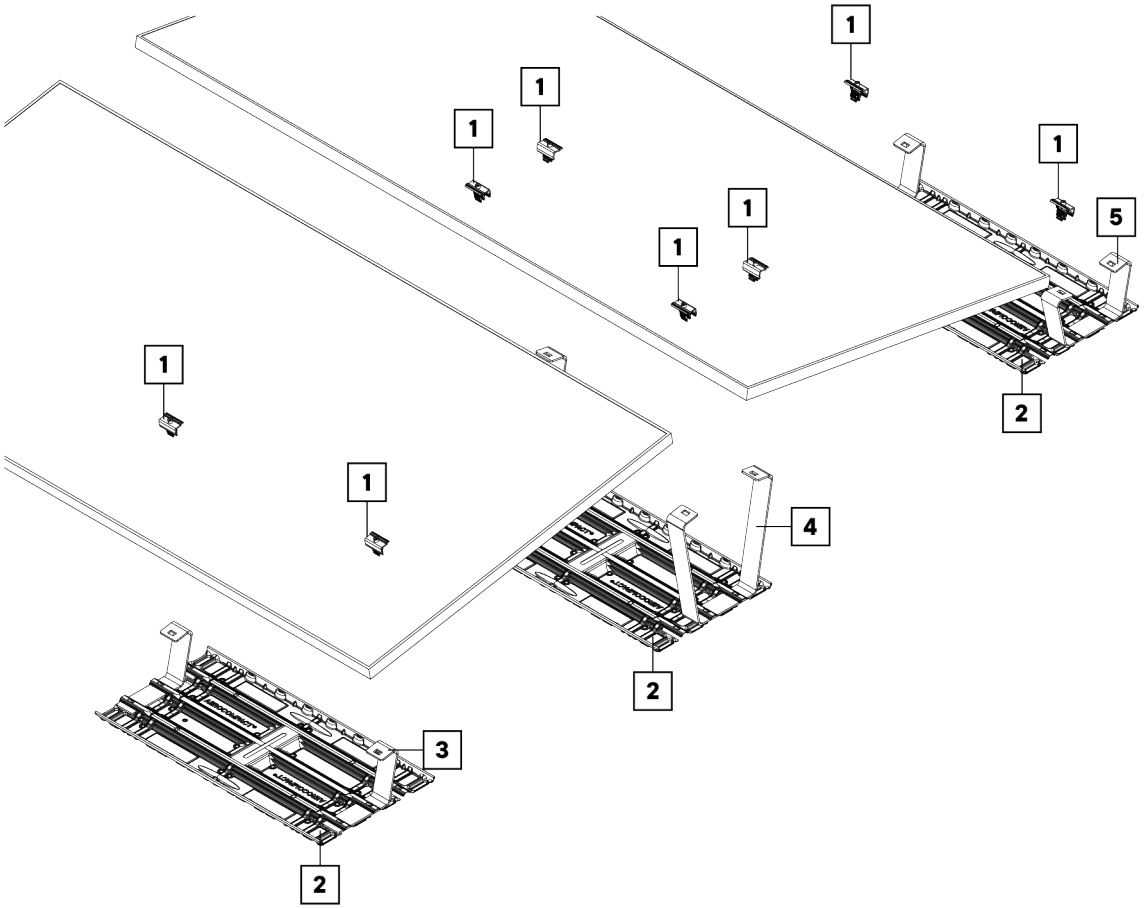
Personal injury
Indicates a potential hazard which, if not avoided, will result in death or serious injury.

Material damage
Indicates a situation which, if not avoided, may cause damage to the product or other property.

ⓘ The information given here on warning signs covers the minimum requirements. However, there may be additional national, regional or project-specific requirements that must also be fully observed. Compliance with all relevant regulations is essential.

SYSTEM OVERVIEW

BASIC COMPONENTS SB10 PLUS



1 **CLE20**
End clamp Click 28 - 42 mm

2 **SBPU**
Base plate universal

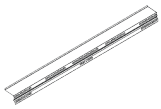
3 **SB10FB**
Front and end bracket S-Base 10°

4 **SB10PLUSMB**
Middle bracket S-Base 10° PLUS

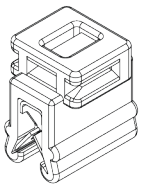
5 **SB10PLUSCNL**
S-Base 10 PLUS connector

Important!
The **SB10EB** end foot is used for the mounting variant with open row. For more information, see chapter "Mounting variants SB10 PLUS" on page 13

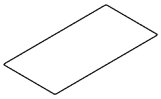
SYSTEM ACCESSORIES



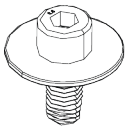
Sx10WD-XXXX
10° wind deflector | 1850 mm, 2175 mm, 2555 mm



CLP-WD
Clip for wind deflectors

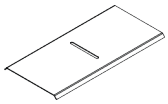


SBSS
Slip sheet to place under the base plates

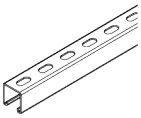


SCS8x20
Thread rolling combination screw M8x20

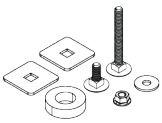
ROOF ANCHOR ACCESSORIES



SBPCA
Anchor plate S-Base

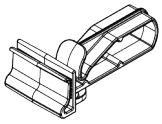


AR1352 | AR1652 | AR2552 | ARS2552
Rail for anchor connection in the lengths 1352 mm, 1652 mm, 2552 mm | (ARS2552 anchor rail strong)

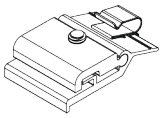


SBDAS
Double anchor mounting set S-Base

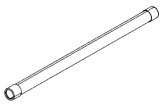
MODULE ACCESSORIES & CABLE MANAGEMENT



CLP-U
Cable clip universal



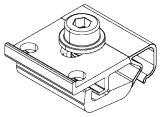
CLMF
MLPE clamp for module frame



CP-430 | CP-620 | CP-840
Cable pipe

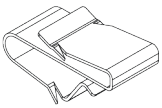
CLP-M
Cable tie clip for module frames with a thickness of 1 - 3 mm

CLP-B
Cable tie clip for attaching the cables to the bracket. The CLP-B is suitable for brackets with a thickness of 3 - 6 mm



OC-GA
Optimizer clamp universal

POTENTIAL EQUALIZATION



SBPBC
Base plate bonding clip

ASSEMBLY

ASSEMBLY PREPARATION

Required tools for assembly

ⓘ Before starting the assembly, make sure that the assembly personnel are familiar with the proper use of the listed tools.

Bit hexagon socket 6 mm

Cordless screwdriver

Measuring tape

Chalk line

Torque wrench 10 - 30 Nm with hexagon socket bit 6mm

INFORMATION ON MOUNTING ON GRAVEL ROOFS

ⓘ According to the planning documents, the installation of the system takes place either directly on the seal or the protective fleece (coefficient of friction 1.5) or freely on the gravel (coefficient of friction 0.3).

INSTALL THE SYSTEM ON WATERPROOFING OR PROTECTIVE FLEECE

✓ Height of gravel fill: 30 - 60 mm

ⓘ Due to possible damage to the roof waterproofing caused by excessive linear/surface loads, it is not recommended to install the system on a gravel layer of less than **60 mm**.

☐ Carefully remove the gravel in the area of the module field.
☐ Install the system directly on the waterproofing or on the protective fleece.

SET UP THE SYSTEM ON THE GRAVEL

✓ The height of the gravel bed is 60 – 100 mm and protective fleece (min. 300 g/m²) is available or
✓ the gravel fill is 100 mm or more.

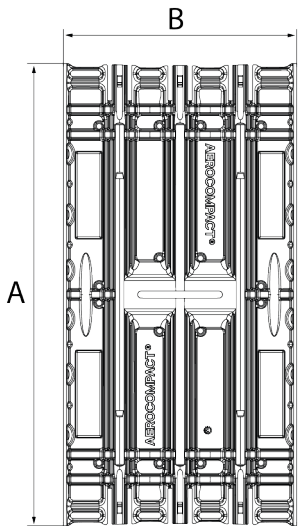
☐ Place the system on the gravel.

BASE PLATE

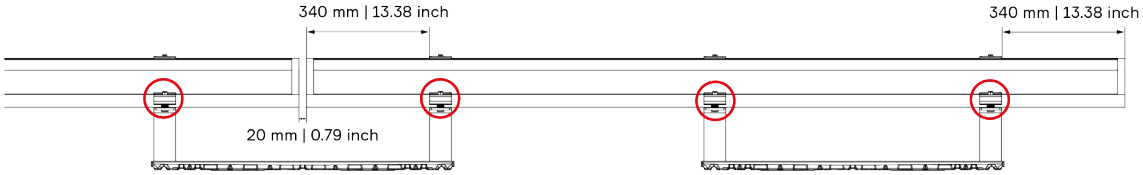
Important:
The base plate is intended for single use only and must not be reused.

Base plate dimensions

- **(A)** = 835 mm
- **(B)** = 421 mm

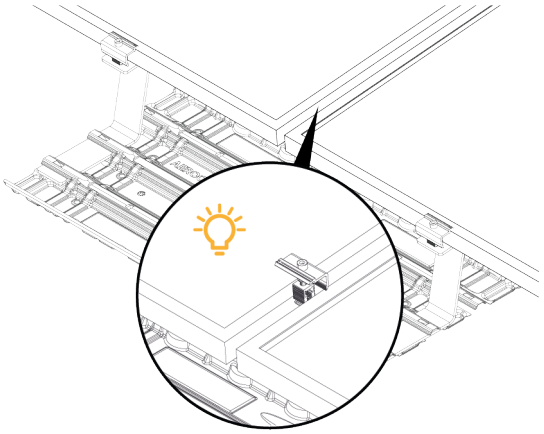


Clamping position



RECOMMENDATION FOR MODULE SPACING

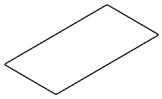
Installation tip for module spacing:
The clamping part of the end or middle clamp is **20 mm** wide (cutting edge). The recommended module spacing can be maintained by inserting a clamp as a spacer.



Slip sheet S-Base (optional)

ⓘ The slip sheet serves as a separating layer between the base sheet and the roofing membrane, especially for applications that are not compatible with EPDM, in order to avoid possible plasticizer migration. It also protects sensitive roof surfaces from mechanical stress. The protective layer can either be cut to size on site for the specific project or optionally purchased from AEROCOMPACT Europe GmbH. The following steps show the recommended dimensions and the application of the protective layer.

REQUIRED COMPONENTS

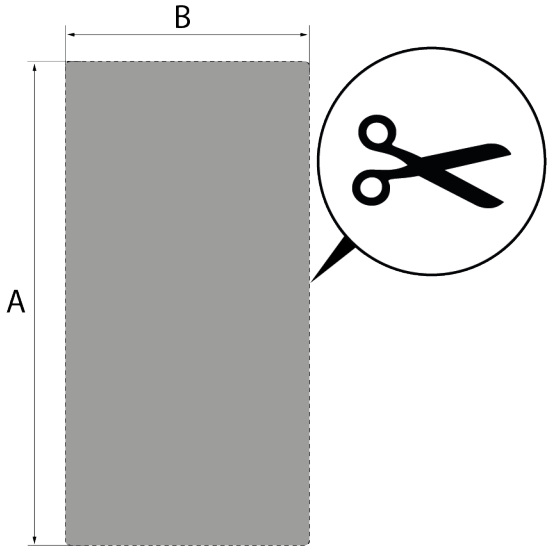


SBSS
Slip sheet to place under the base plates

RECOMMENDED DIMENSION FOR SLIP SHEET

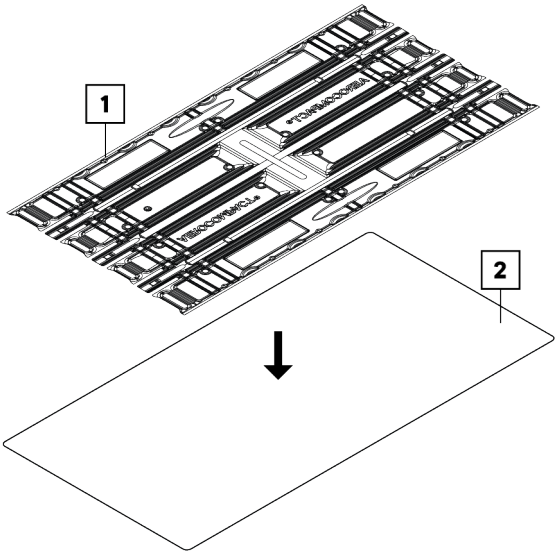
ⓘ **Recommendation**: The recommended minimum size of the slip sheet is shown below, provided it is cut to size on site. The choice of material is project-specific and depends on the materials used in the respective project.

- **(A)** = 850 mm
- **(B)** = 450 mm



APPLY SLIP SHEET

- Position the base plate (1) over the protective layer (2) and lay it down.

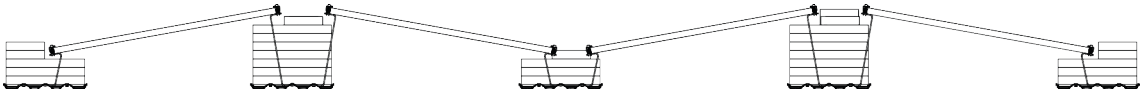


MOUNTING VARIANTS SB10 PLUS

ⓘ **Three** mounting options are available for the **SB10 PLUS** system:
- Standard (East/West),
- open row (West) and
- open row (east).

The variant to use can be found in the planning documents.

STANDARD



OPEN ROW WEST

OPEN ROW EAST

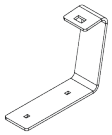
Information on ballasting can be found in the chapter "Ballasting" on page 22.

MOUNT BRACKETS

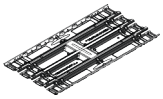
ⓘ The locking tabs in the base plates are one-time use, and the base plates can not be reused once the locking tabs have been engaged. When pre-assembling the brackets into the base plates, ensure that the correct number of **front- and end brackets**, **connectors** and **middle brackets** are positioned with the proper orientation. It is also recommended to attach the **bonding clips** during pre-assembly, after inserting the brackets into the base plates. Information on installing the bonding clip can be found in chapter im Kapitel "Potenzialausgleich" auf Seite 1.

Install front and end brackets

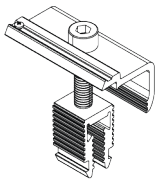
REQUIRED COMPONENTS



SB10FB
Front and end bracket S-Base 10°



SBPU
Base plate universal

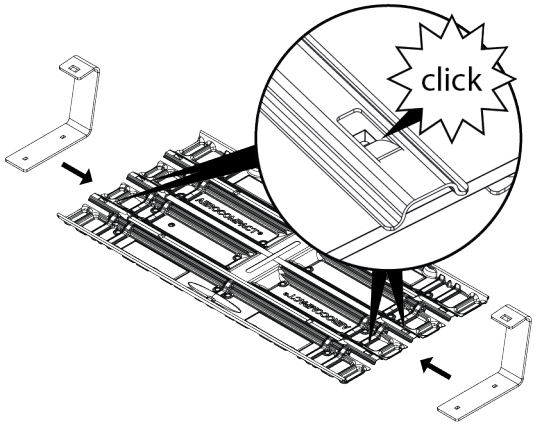


CLE20
End clamp Click 28 - 42 mm

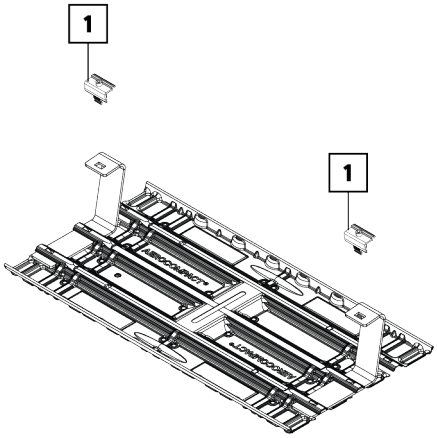
ASSEMBLY

☒ Slide the font and end bracket into the sides of the base plate as shown.

ⓘ **Important**:
The brackets are correctly inserted when they click into place, which can be checked both visually and physically.

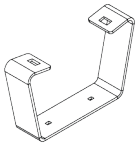


☒ Attach the end clamps (1) to the front and end brackets.

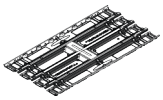


Mount connectors

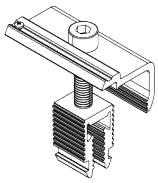
REQUIRED COMPONENTS



SB10plusCNL
Connector S-Base 10° PLUS



SBPU
Base plate universal

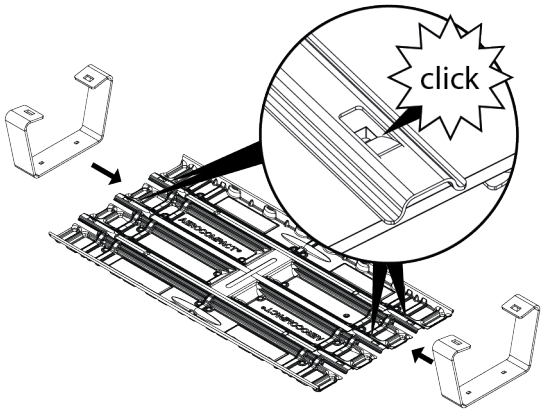


CLE20
End clamp Click 28 - 42 mm

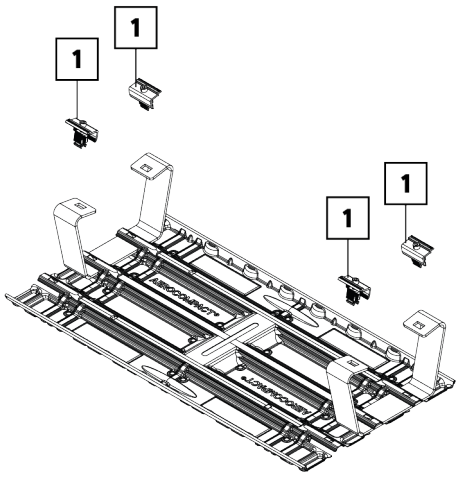
ASSEMBLY

☒ Slide the connectors into the sides of the base plate as shown in the illustration.

ⓘ **Important**:
The brackets are correctly inserted when they click into place, which can be checked both visually and physically.

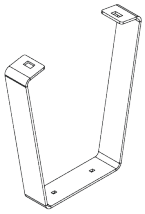


☒ Attach the end clamps (1) to the connectors.

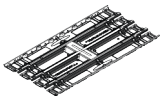


Mount middle bracket

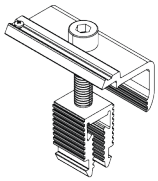
REQUIRED COMPONENTS



SB10plusMB
Middle bracket S-Base 10° PLUS



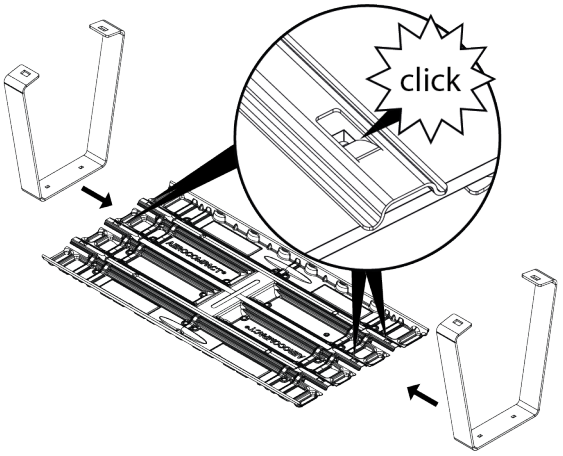
SBPU
Base plate universal



CLE20
End clamp Click 28 - 42 mm

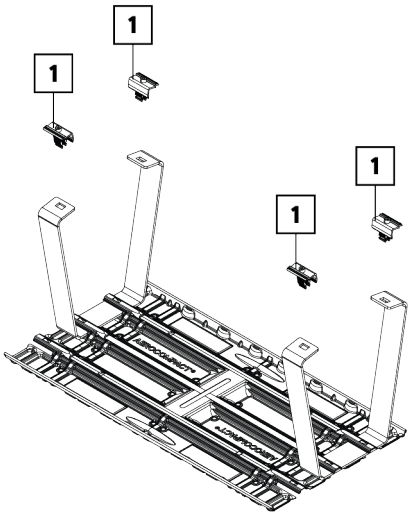
ASSEMBLY

☐ Slide the middle brackets into the sides of the base plate as shown.



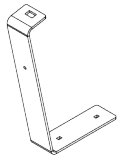
ⓘ **Important**:
The brackets are correctly inserted when they click into place, which can be checked both visually and physically.

☐ Attach the end clamps (1) to the middle brackets.

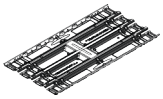


Mount end bracket (open row - optional)

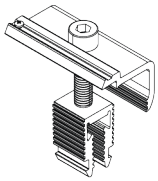
REQUIRED COMPONENTS



SB10EB
End bracket S-Base 10°



SBPU
Base plate universal

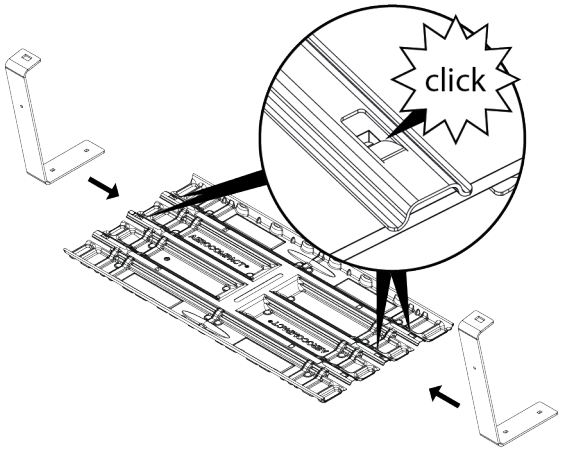


CLE20
End clamp Click 28 - 42 mm

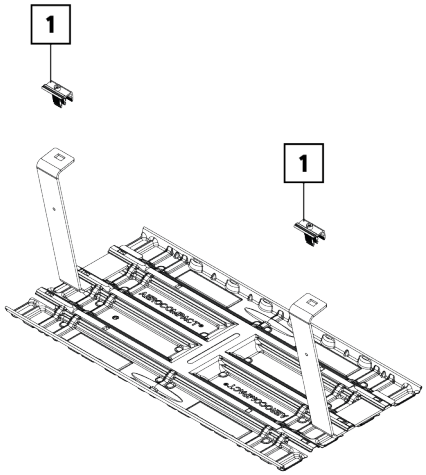
ASSEMBLY

Slide the end brackets into each side of the base plate as shown in the illustration.

Important:
The brackets are correctly inserted when they click into place, which can be checked both visually and physically.

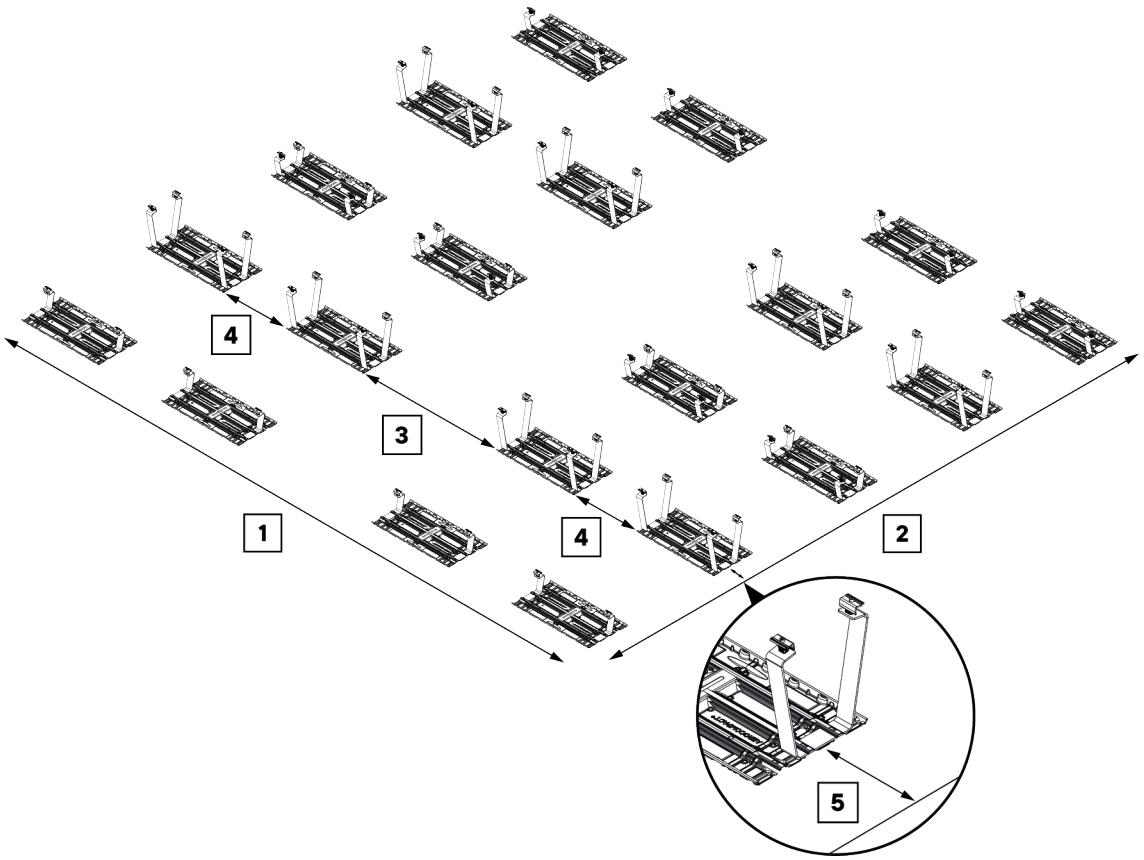


Attach the end clamps (1) to the end brackets.



MEASURE THE MODULE FIELD

ⓘ The exact **dimensions** can be found in the attached **planning documents**.



☐ Measure the **length (1)** and **width (2)** of the entire module field and mark the line.
☐ Distribute the base plates with the mounted brackets in the module field according to the planning documents.

DETERMINATION OF DISTANCE

(3) = **Module length - 800 mm**
(4) = **Module length - 1575 mm**
(5) = **340 mm**

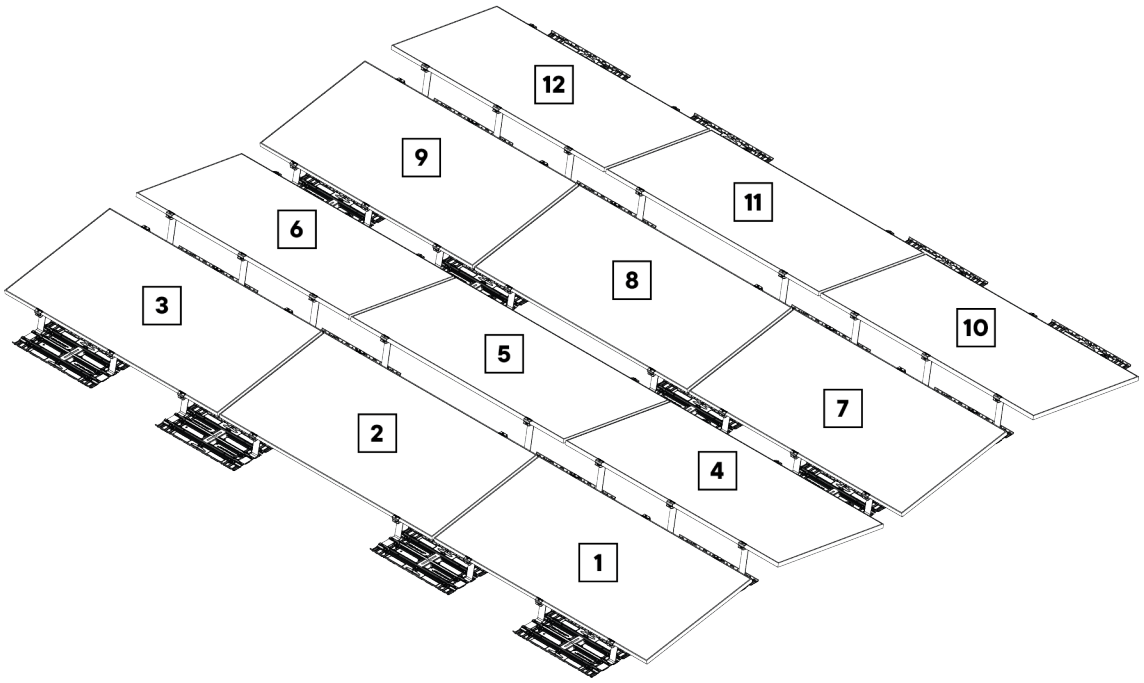
ⓘ When distributing, ensure that all **end clamps** are correctly positioned.

MOUNT MODULES

Important:
Ballasting must be completed before starting to install the module in order to reduce the risk of injury or damage to persons or property.

Assembly sequence of the modules

The illustration below is exemplary and may have a different number of modules depending on the project. The module assembly sequence remains constant.

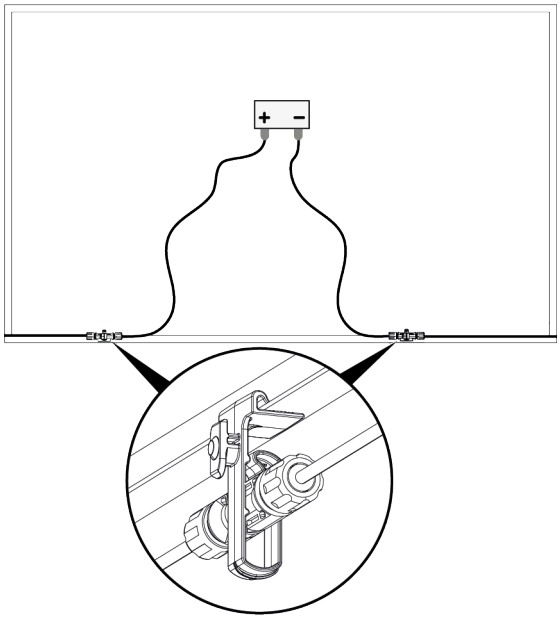


The modules must be installed in ascending order from **1** to **12**.

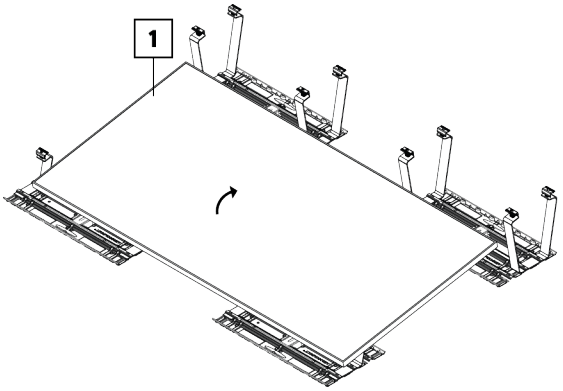
RECOMMENDATION FOR WIRING THE MODULES

Installation tip:
Before starting the module installation, install two CLP-U per module as shown in the illustration to ensure better accessibility for the subsequent cabling.

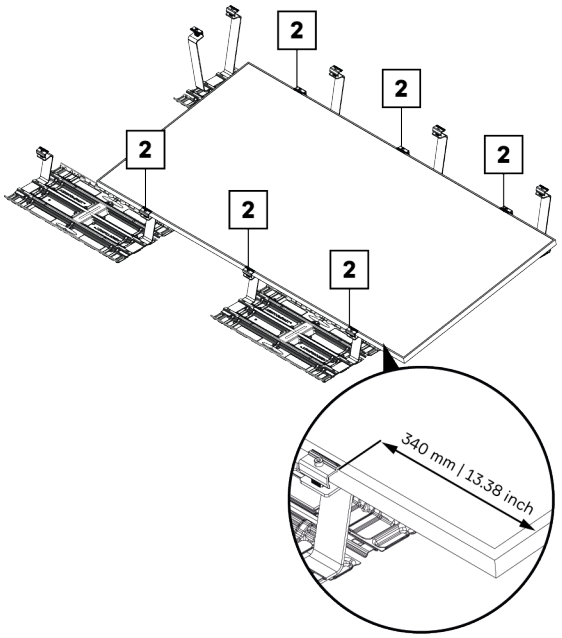
If necessary, slide the CLP-U cable clips out of the clamping area.



Assembly modules



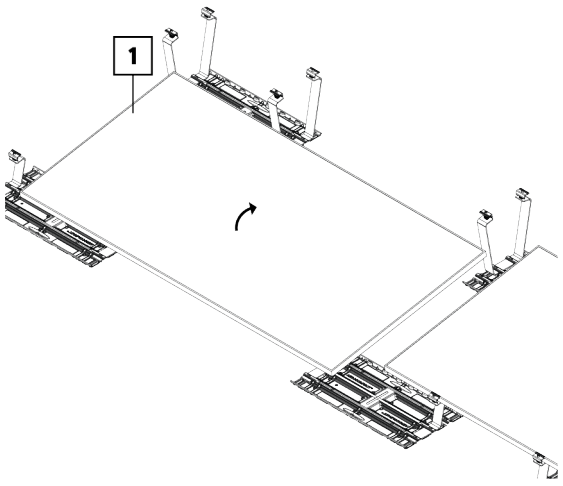
Position the first module (1) on the front brackets and middle brackets.



Measure the distance **340 mm**.

Info:
Further information on the clamping position can be found in chapter **Clamping position** on page 11.

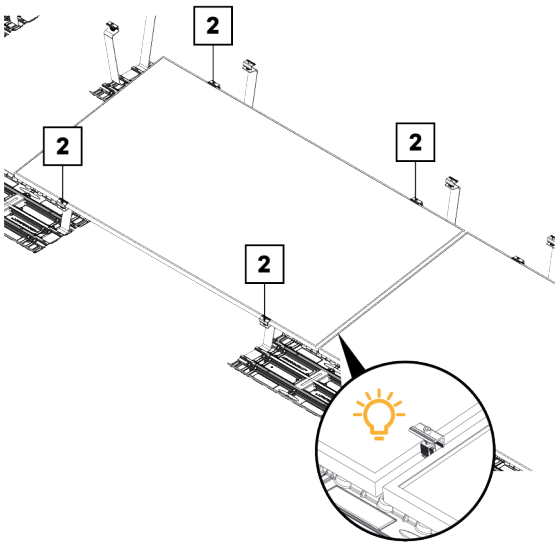
Position the end clamps (2) flush with the module and then tighten to a torque of 15 Nm or 11 lb-ft.



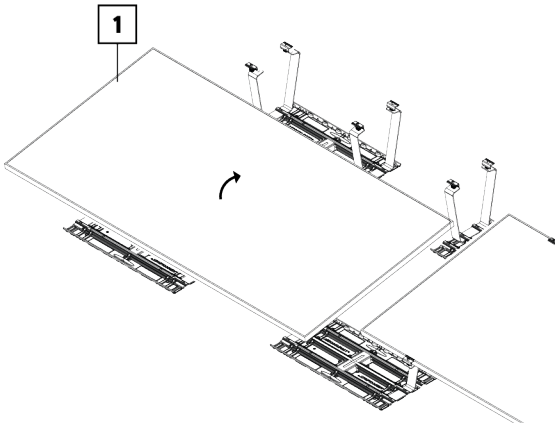
Position the following module (1) on the front brackets and middle brackets.

Installation tip for module spacing:
The clamping part of the end or middle clamp is **20 mm** wide (cutting edge). The recommended module spacing can be maintained by inserting a clamp as a spacer.

- Position the end clamps (2) flush with the module and then tighten to a torque of 15 Nm or 11 lb-ft.

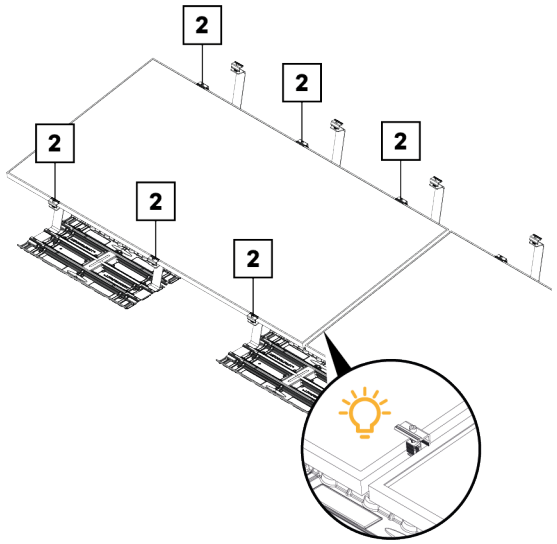


- Position the following module (1) on the front brackets and middle brackets.



- Position the end clamps (2) flush with the module and then tighten to a torque of 15 Nm or 11 lb-ft.

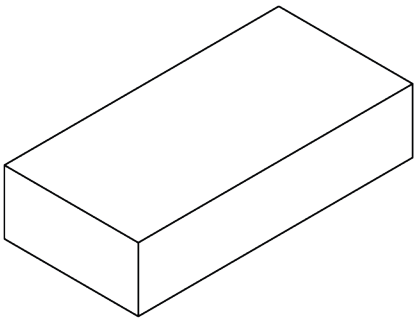
Install the other module rows in the **same sequence**.



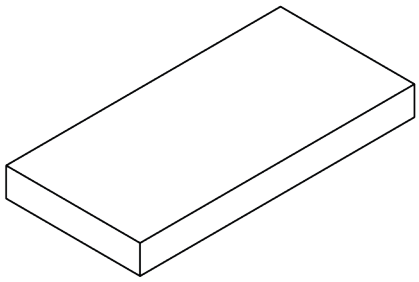
BALLASTING

ⓘ The **sizes** and **weights** of the **ballast blocks** vary depending on the manufacturer. The following ballasting options serve as examples and must be adapted to the project-specific requirements.

TYPE OF BALLAST STONES



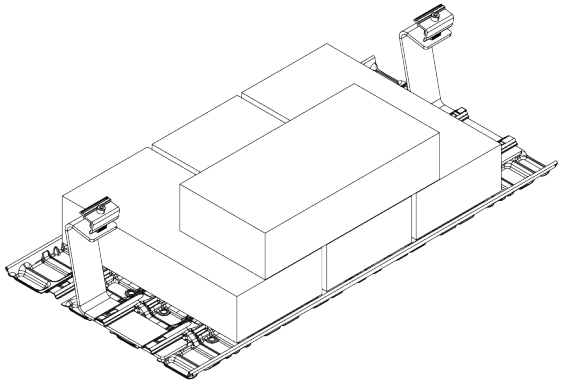
Full format



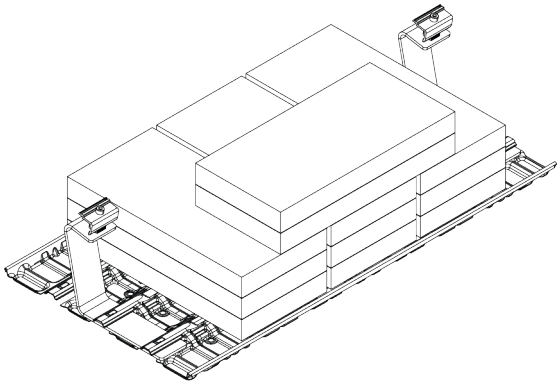
Half format

Maximum load capacity of the base plate

START AND END BRACKET (SB10FB)

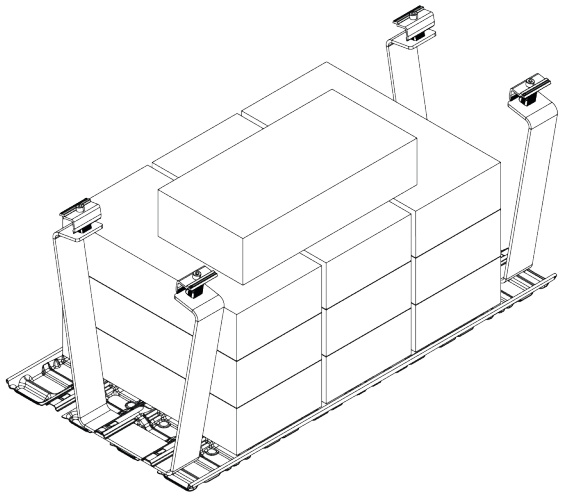


Full format

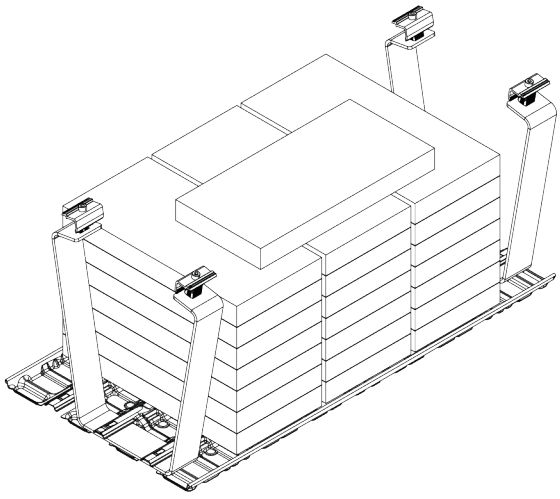


Half format

MIDDLE BRACKET (SB10PLUSMB)

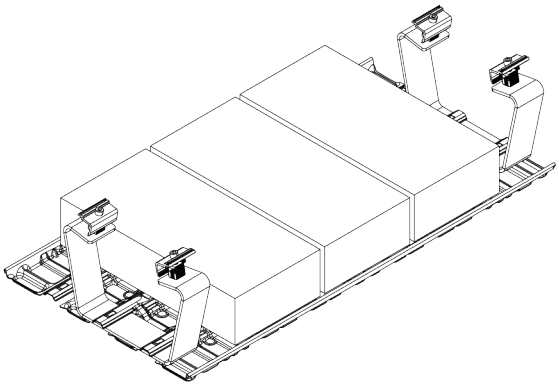


Full format

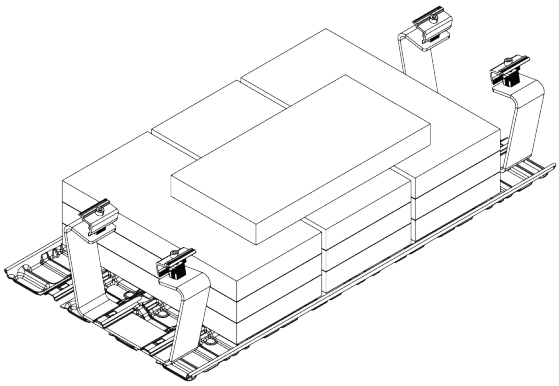


Half format

CONNECTOR (SB10PLUSCNL)

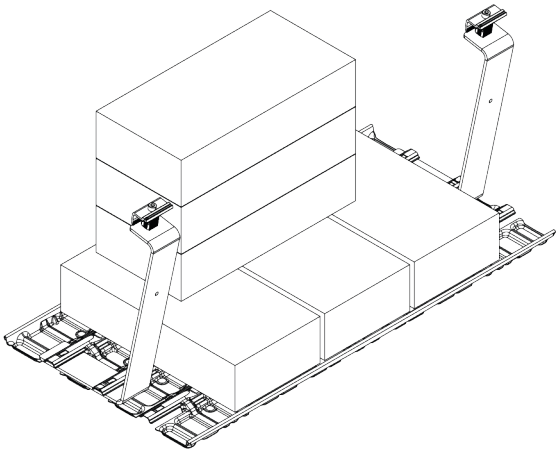


Full format

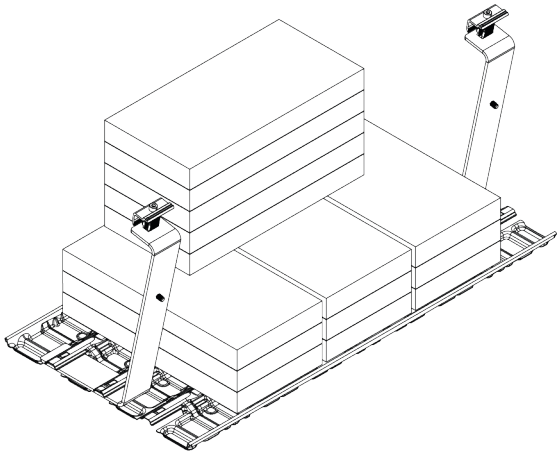


Half format

END BRACKET OPEN ROW (SB10EB)



Full format



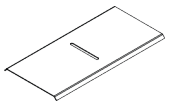
Half format

INSTALL THE ROOF ANCHOR CONNECTION

The roof anchors are not included in the scope of delivery and must be provided by the customer. The roof anchor must be fitted with an **M10** or **M12 threaded rod** or a screw with the same diameter.

Install single roof anchor attachments

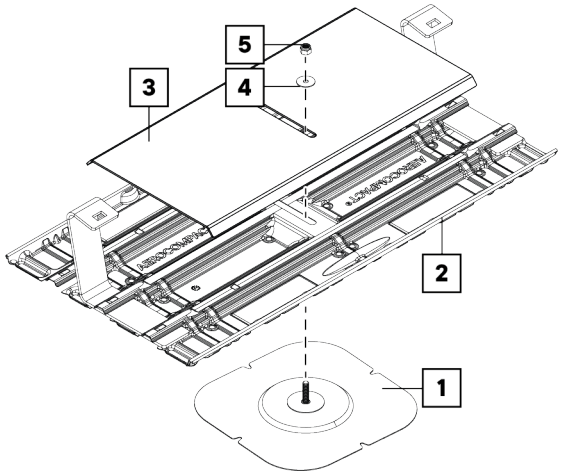
REQUIRED COMPONENTS



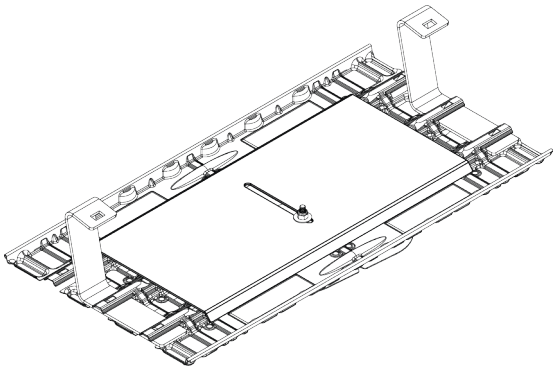
SBPCA
Anchor plate S-Base

- Place the base plate (2) centered over the roof anchor (1).
- Fit the anchor plate (3), washer (4) and hexagon nut (5) as shown in the illustration.

The nut (5) and the washer (4) are **not included in the scope of delivery** and must be provided by the customer. In addition, the washer (4) must have a diameter of **min. 30 mm**.

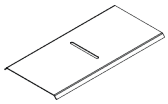


Important!
When installing the roof attachments, in addition to these instructions, the work steps and the information on the individual components and torques provided by the **roof anchor manufacturer** must be observed.

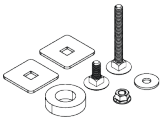


Installing the double point anchor attachment

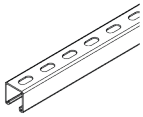
REQUIRED COMPONENTS



SBPCA
Anchor plate S-Base

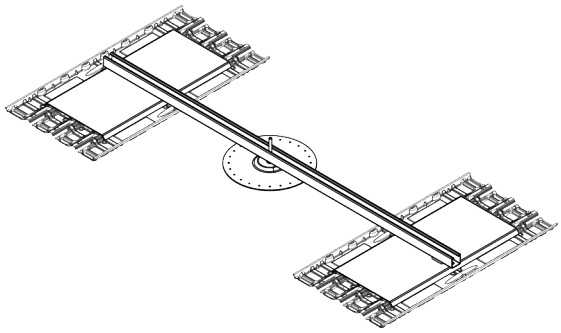


SBDAS
Double anchor mounting set S-Base

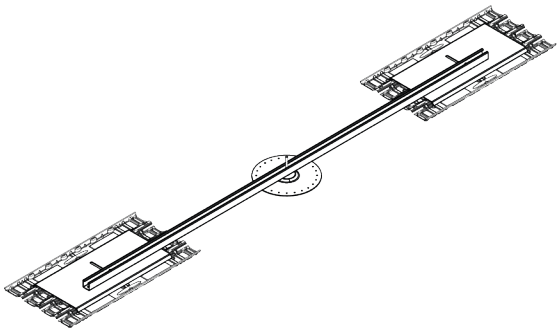


AR1352 | AR1652 | AR2552 | ARS2552
Rail for anchor connection in the lengths 1352 mm, 1652 mm, 2552 mm | (ARS2552 anchor rail strong)

INSTALLATION VARIANTS DOUBLE POINT ANCHOR ATTACHMENT



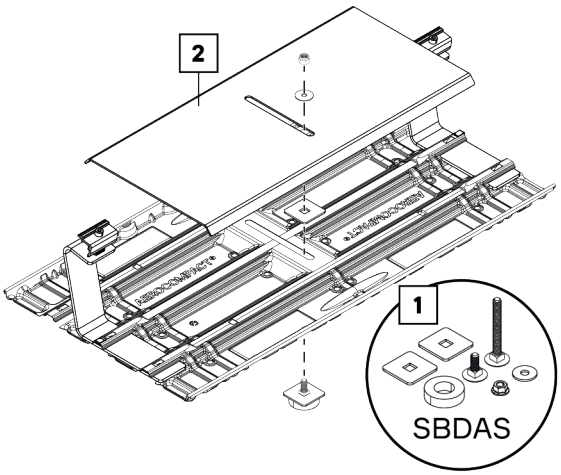
Vertical double point anchor attachment



Horizontal double point anchor attachment

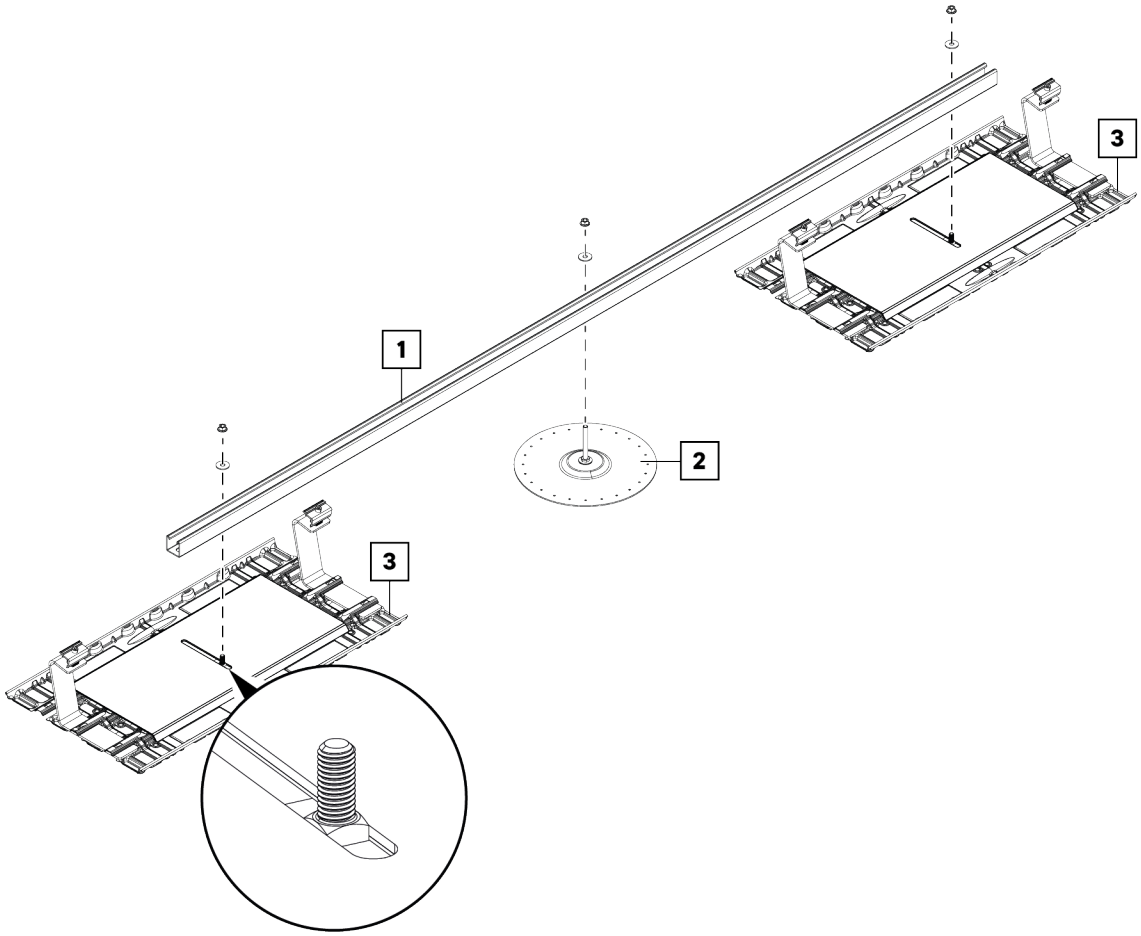
PREPARING THE BASE PLATE

ⓘ This work step is identical for the double point anchor attachment **vertically** and **horizontally** and must be carried out for each base plate that is intended for the connection.



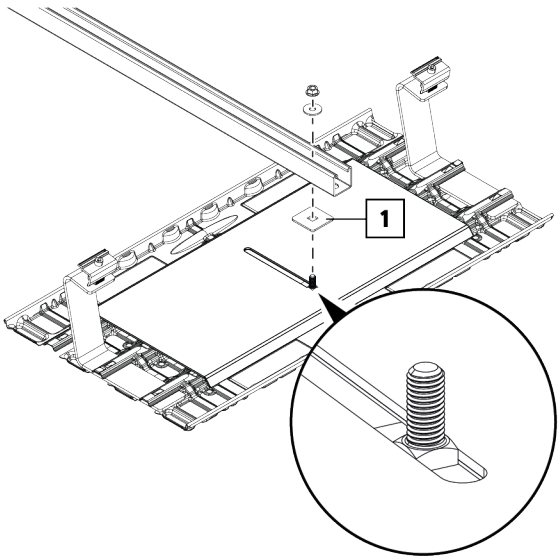
☒ Mount the anchor plate (2) with the double anchor set (1) as shown in the illustration.

HORIZONTAL DOUBLE POINT ANCHOR ATTACHMENT



☒ Position and fit the anchor rail (1) to the roof anchor (2) and the Baisis plates (3) as shown.

INSTALLING THE DOUBLE POINT ANCHOR ATTACHMENT VERTICALLY



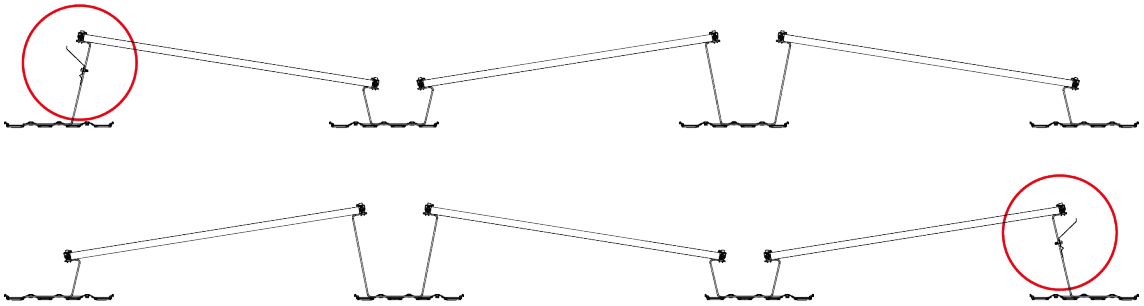
ⓘ The mounting sequence for vertical mounting is **identical** to the horizontal mounting variant, except for the additional washer (1).

☒ Insert a washer (1) between the anchor rail and the anchor plate.

ⓘ **Important**: The nut and washer of the roof anchor are **not included in the scope of delivery.**

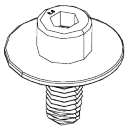
INSTALL WIND DEFLECTORS (OPEN ROW)

WIND DEFLECTOR POSITION

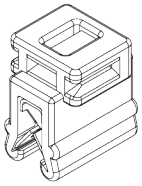


REQUIRED COMPONENTS

Sx10WD-XXXX
10° wind deflector | 1850 mm, 2175 mm, 2555 mm

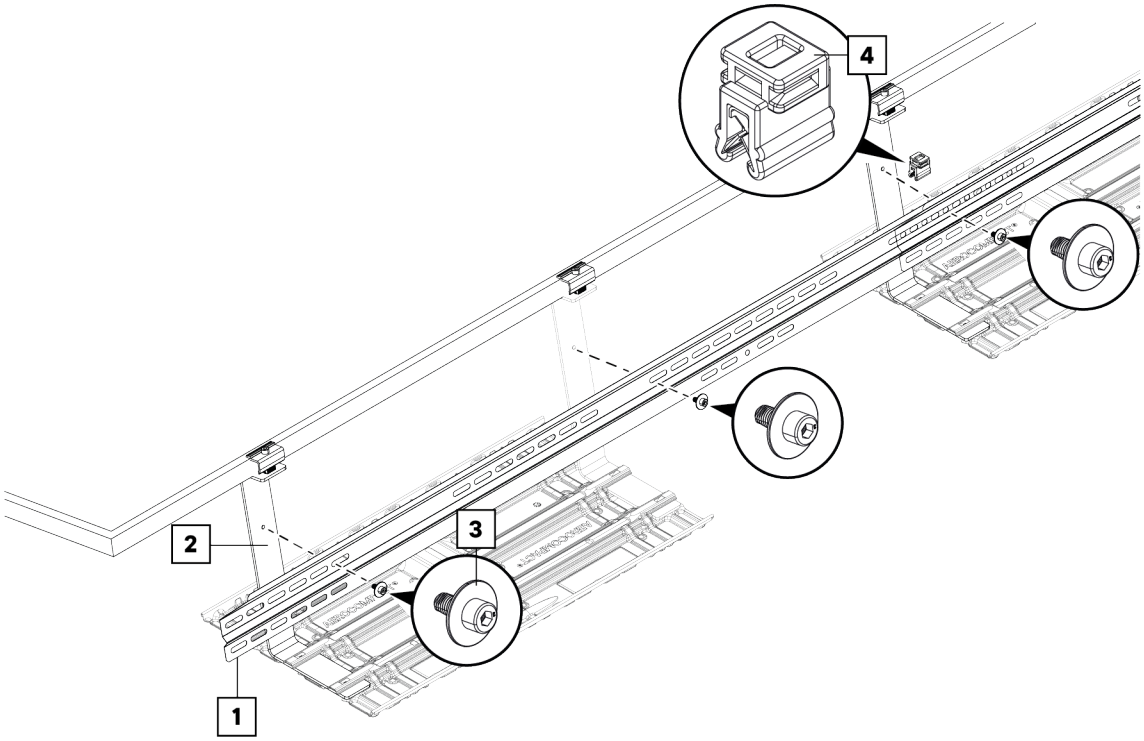


SCS8x20
Thread rolling combination screw M8x20



CLP-WD
Clip for wind deflectors

ASSEMBLY

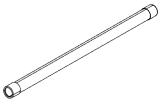


- [ ] Lay the wind deflector (1) overlapping on the back of the connectors or end bracket (2).
- [ ] Tighten the screws (3) to a torque of 15 Nm or 11 lb-ft.
- [ ] Then attach the clip (4) at the overlap points.

CABLE MANAGEMENT

CABLE CLIP CLP-B FOR BRACKET

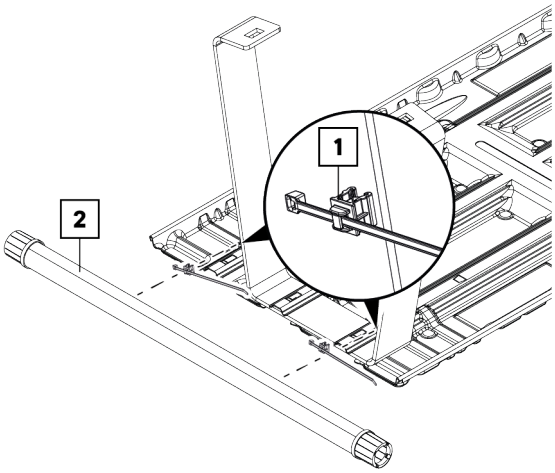
CLP-B
Cable tie clip for attaching the cables to the bracket. The CLP-B is suitable for brackets with a thickness of 3 - 6 mm



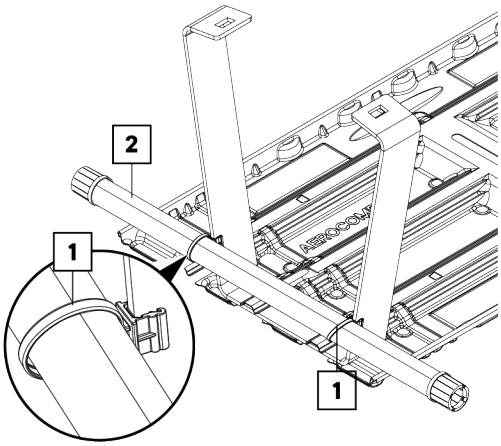
CP-430 | CP-620 | CP-840
Cable pipe

MOUNTING CABLE PIPE

- Insert the cable ties (1) at the side of the bracket.
- Ensure that the cable ties (1) are fully inserted.
- Feed the cable pipe (2).

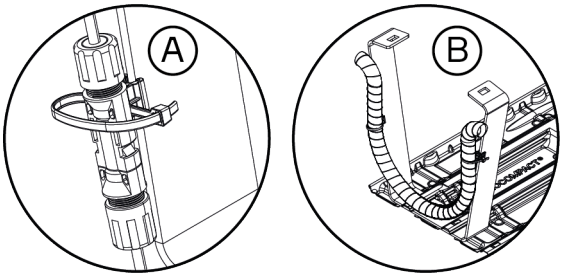


- Then secure the cable pipe (2) with the cable ties (1).



FURTHER CABLING VARIANTS

A - Solar connectors (e.g. MC4) or solar cable
B - Cable pipe



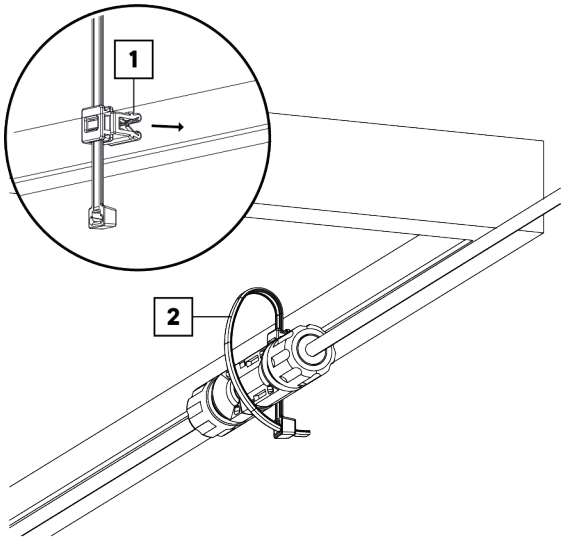
CABLE CLIP CLP-M FOR MODULES

ⓘ The **CLP-M cable clip** is suitable for module frames with a sheet thickness of **1 - 3 mm.**

CLP-M
Cable tie clip for module frames with a thickness of 1 - 3 mm

ASSEMBLY

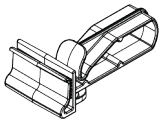
- Insert the CLP-M (1) into the module frame.
- The cable tie is suitable for:
  - Solar plug
  - Solar cable
- Then tighten the cable tie (2).



ⓘ **Attention!**
Make sure that the cable tie is not fastened at the points where the latches of the plug connection engage, as otherwise the connection may come loose unintentionally.

CABLE CLIP CLP-U FOR MODULES

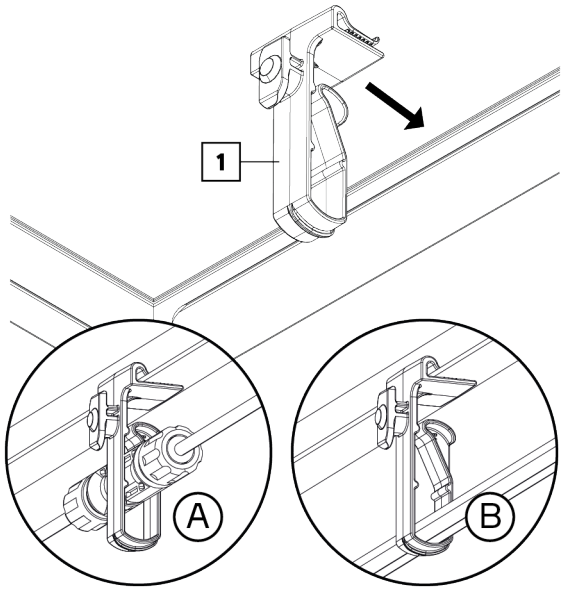
ⓘ The **CLP-U cable clip** is suitable for module frames with a sheet thickness of **1.5 - 3 mm.**



CLP-U
Cable clip universal

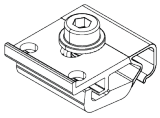
ASSEMBLY

- Insert the CLP-U (1) into the module frame.
- The CLP-U is suitable for:
  A - Solar connectors (e.g. MC4)
  B - Solar wire



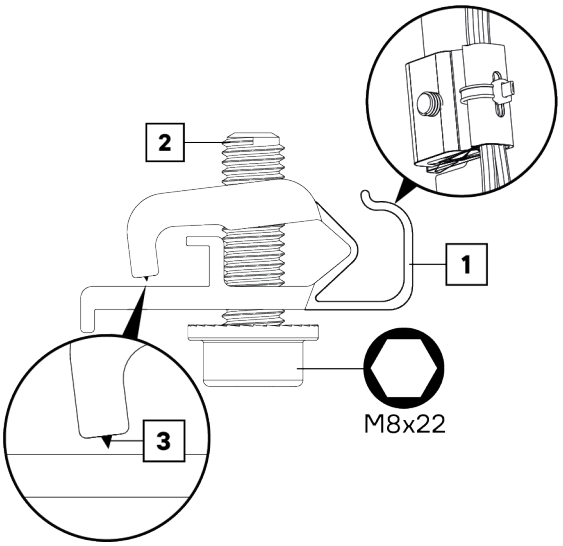
MOUNT OPTIMIZER CLAMP (OPTIONAL)

REQUIRED COMPONENTS



OC-GA
Optimizer clamp universal

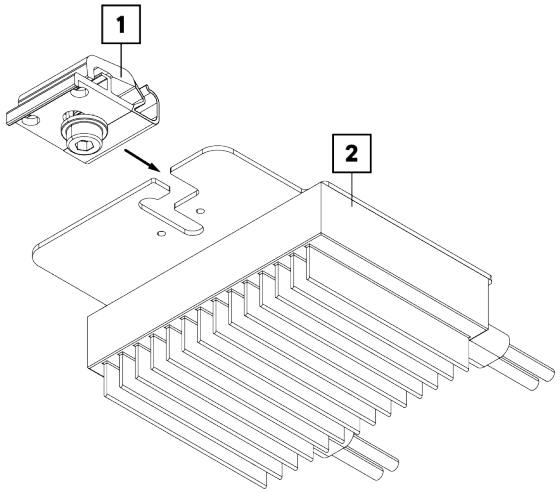
1 The integrated cable channel for up to two cables and **optional** cable tie fixation.
2 Hexagon socket screw with flange and toothing.
3 Stainless steel pins for potential equalization.



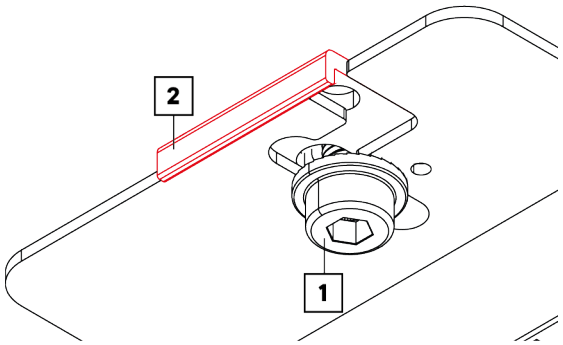
CONNECT OC-GA WITH OPTIMIZER

Important!
The **OC-GA** microverter terminal is intended for single use only.

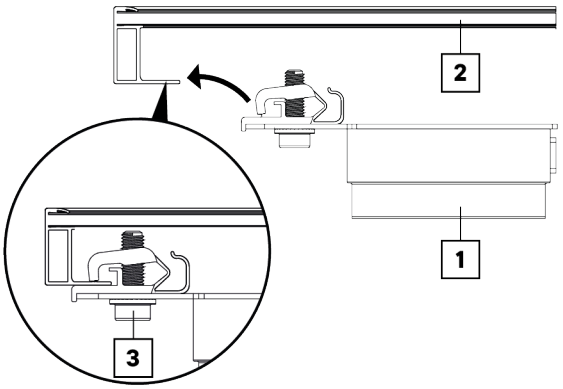
Insert the clamp (1) into the optimizer device (2) as shown in the illustration.



The screw (1) must be positioned so that the stop bracket (2) of the clamp is in contact with the bracket.

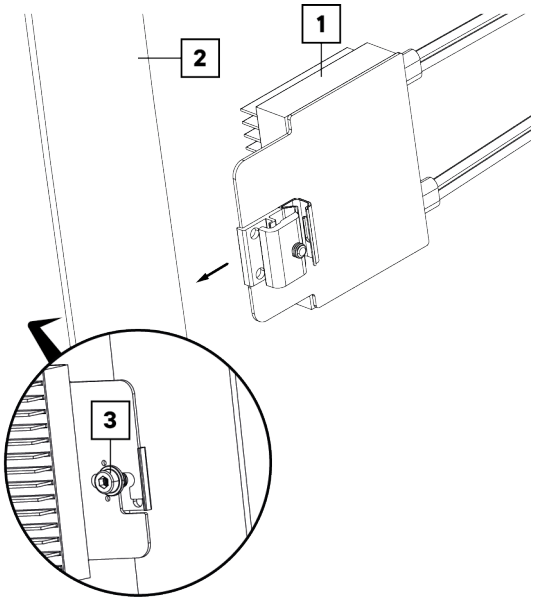


OC-GA MODULE ASSEMBLY



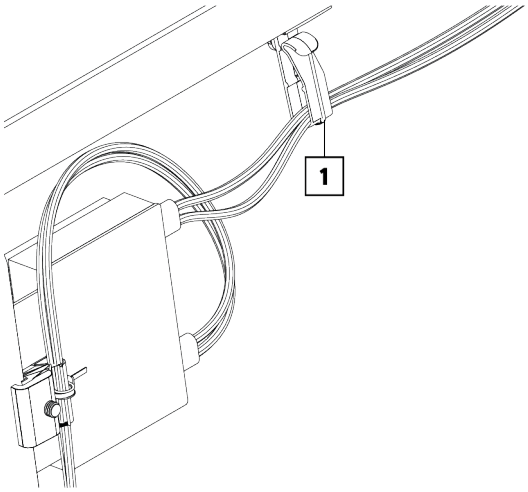
- Guide the optimizer (1) with the clamp to the underside of the module frame (2).
- Insert the clamp so that the module frame (2) is positioned between the upper and lower attachment of the clamp and rests on it.
- Then tighten the screw (3) with a torque of 10 Nm or 7.38 lb-ft.

MOUNT BRACKETS



- Move the optimizer (1) with the clamp to the side of the bracket (2).
- Insert the clamp so that the bracket (2) is positioned between the upper and lower attachment of the clamp and rests on it.
- Tighten the screw (3) to a torque of 10 Nm or 7.38 lb-ft.

CABLE MANAGEMENT

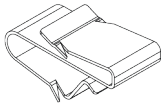


Application tip!
The integrated cable management of the **OC-GA** can be ideally combined with the **CLP-U** (1).

Further information on cable management can be found in chapter "SN2 Kabel-Management" auf Seite 1 ersichtlich.

POTENTIAL EQUALIZATION

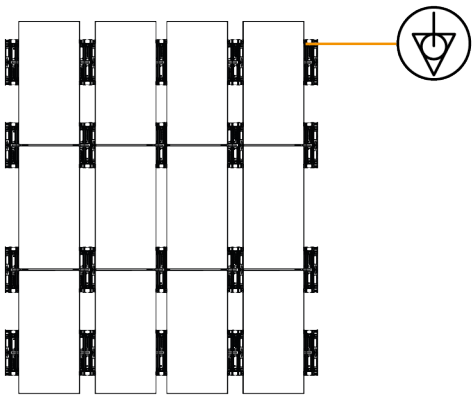
REQUIRED COMPONENTS



SBPBC
Base plate bonding clip

POTENTIAL EQUALIZATION POSITION

ⓘ The individual modules of a module field are connected to each other by the module clamps, brackets and connectors.



HOLE FOR ON-SITE EQUIPOTENTIAL BONDING

WARNING

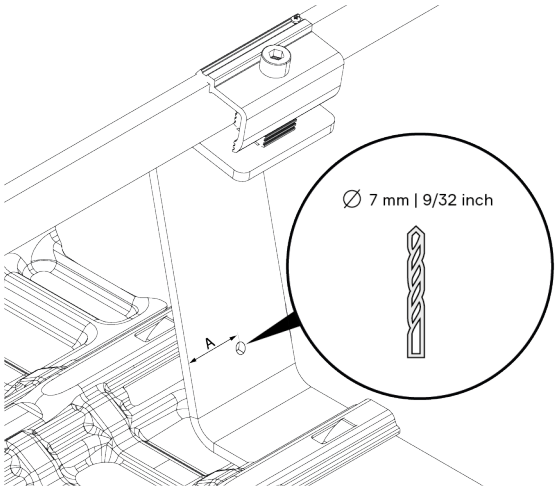
Chips and sharp edges, risk of cuts through contact.

Cut injuries, eye injuries from chips or sharp edges.

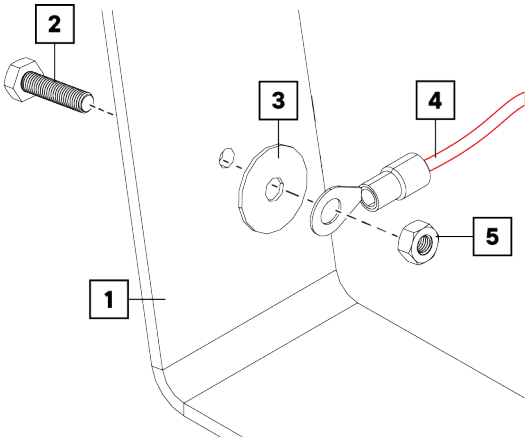
- ☒ **Wear safety goggles**
- ☒ **Tie your hair up**
- ☒ **Wear protective clothing**

ⓘ A hole is required at the base to connect the on-site equipotential bonding. This should be drilled in the center of the foot as shown in the illustration **A = 30 mm**. The height of the hole is at the discretion of the installer.

☒ Drill a hole with a diameter of **7 mm**.

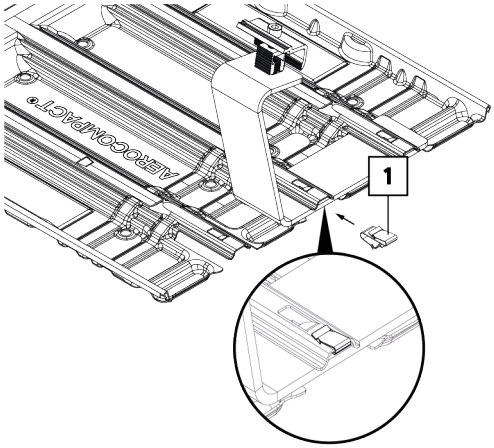


MOUNT GROUNDING WIRE



- Attach the earthing wire (4) to the bracket (1) using a screw (2), washer (3) and nut (5).
- Then tighten the nut (5) to a torque of 15 Nm or 11 ft-lb.

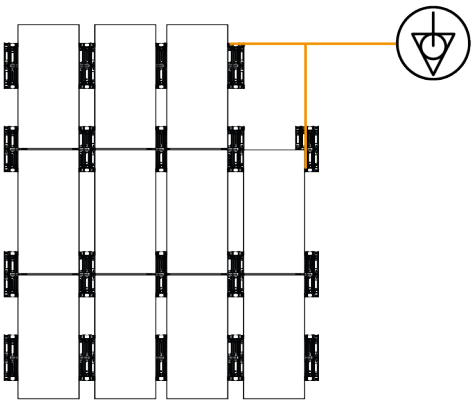
MOUNT THE BONDING CLIP TO THE BASE PLATE



Important!
The bonding clip ensures conductivity between the base plate and the brackets. Repeat this process **once** for each bracket.

- Slide the bonding clip (1) in sideways as shown.

POTENTIAL EQUALIZATION DURING MAINTENANCE WORK



Attention!
To ensure that the connection between the remaining modules and the equipotential bonding is guaranteed, additional ground clamps and ground wire must be attached when a module is removed.

MAINTENANCE, DISASSEMBLY AND DISPOSAL

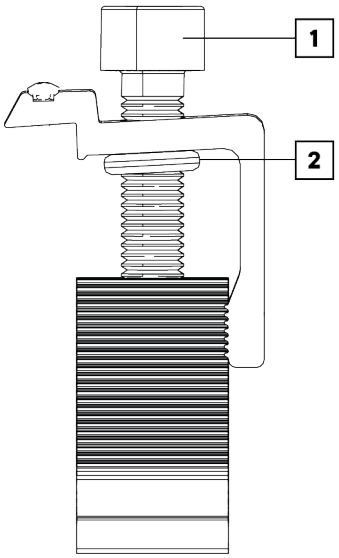
MAINTENANCE

To prevent personal injury and damage to property, the system must be checked regularly by qualified personnel. Maintenance must be carried out at least once a year.

- Check all system components for damage. In the event of damage, replace the affected component immediately.
- Check all screw connections. Tighten loose screw connections, observing the tightening torque specified in the installation instructions.
- Checking all components for damage caused by the weather, animals, dirt, deposits, build-up, vegetation, roof penetrations, seals, stability and corrosion. In the event of damage, clean, repair or replace the affected component.

DISASSEMBLY

DISMANTLING THE CLAMPS (EXAMPLE)



ⓘ To disassemble the system, carry out the assembly steps in reverse order.

☑ Unscrew the screw (1) on the clamp.
☑ When reusing the clamp, ensure that the O-ring (2) is not lost.

ⓘ If the components are reused, it must be noted that these are wearing parts. Therefore, the AEROCOMPACT Europe GmbH cannot assume any responsibility for checking the degree of wear. For this reason, any liability or warranty of AEROCOMPACT Europe GmbH in case of reuse is excluded and reuse is at the installer's own responsibility.

DISPOSAL

Unless a take-back or disposal agreement has been made, disassembled components should be recycled:

- Give metals and plastic elements for recycling.
- Dispose of remaining components sorted according to material composition.

ⓘ Incorrect disposal may result in hazards to the environment. In case of doubt, obtain information on environmentally sound disposal from the local municipal authority or from specialized disposal companies.

APPENDIX

DECLARATION OF PERFORMANCE

CE

Manufacturer:	**AEROCOMPACT Europe GmbH**
Designation:	**CompactFLAT S_Base tray bracket system for flat roofs**
Identification code:	**S_BASE, S_BASE PLUS**
Standard applied:	**EN 1090-1**
Certification body:	**2397-CPR-65/2511**

To the declaration of performance

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