**CompactGrid with Seam Clamps**

**Mounting Instruction**

- **End clamp**
- **Middle clamp**
- **Support**
- **Module bearing profile**
- **Fastener (seam clamp)**
- **Continuous beam**

**Required tools**

- Screwdriver with bit and socket-wrench insert
- Bit hex socket SW6
- Bit T40
- Socket wrench SW15, SW17
- Flat wrench / spanner SW15

**The Schletter-tool kit includes tools required for all standard systems.**

**Additional documentation required**

- System structural analysis
- Calculation documentation with schematic diagram, parts list and plant-related statics
- Mounting instruction - Fastener (seam clamp)

**Safety instructions**

- ! Warning: Planning, mounting and start-up of the solar plant may only be performed by qualified personnel. Poor quality execution can result in damage to the plant and to the building and can present a risk to people.
- ! Warning: Risk of falling! There is a risk of falling when working on the roof as well as when ascending and descending the building. Accident prevention regulations must be observed and appropriate safety equipment must be in place.
- ! Warning: Risk of injury! Objects falling from the roof can cause injury to people. The danger area around the installation site must be secured and people present in the area warned of the risks.
- ! Warning: Risk of breakage! PV modules can be damaged if stepped upon.
- ! Warning: Risk of electric shock! The mounting and maintenance of the PV modules must be carried out exclusively by qualified specialists. Please observe the all safety regulations issued by the manufacturer!
1. Define the area of installation
   - Concentrate the number of fasteners in the edge and corner zones.
   - Please observe further recommendations from the structural analysis.

2. Position fasteners
   - Note measurement A.
   - Please observe the shading distances B between module rows. These can be taken from the calculation documentation (or, for example, from our shade calculator, available on our website).

3. Mount fasteners
   - Information relating to mounting of these fasteners can be taken from the type-specific mounting instructions.
Mount continuous beams
- Feed square-head screws M10x25 into the rectangular groove and through upper holes of the fasteners.
- Secure with flange nuts M10.

Extending continuous beams
- Continuous beams can be extended if required.
- Connect two rails by inserting a connector into one end of each rail and tighten the bolts.

⚠️ Please ensure that sufficient space is left at joint for the connector.

Insert square nuts
- Feed green KlickIn click components into the groove at the required positions.
- Feed square nuts into the click components and twist through 90° so that the rounded edge is underneath.

Secure support base
- Fold out support and position it onto the square nuts.
- Secure support base to the continuous beam using hexagon head screws M10x20 and washers M10.

Assemble the supports
- Connect support strut to support base using bolt M8 with nut M8.
- Tighten remaining bolts on the support.
Mount module-bearing profile
- Feed square-head screws M10x25 into lower groove of the module bearing profile and into holes of the supports.
- Secure with flange nuts M10.

⚠ The upper hole is used only in a linear arrangement. Please observe data in the calculation documentation.

Extend module-bearing profile
- Position next profile.
- Mount connector E from below.
- Tighten pre-assembled screws.

⚠ Please ensure that sufficient space is left at joints for the connector.
Module mounting

- Position first module to end of the profile
- Fasten module with two end clamps - in our example: Click in the Rapid end clamps and tighten screws (6-Lobe T40)
- Position further modules and secure each between the modules with 2 middle clamps.
- Secure last module of a row with 2 end clamps.