

SingleFix-HU

Mounting Instructions

Required tools

Cordless screw driver with wrench socket
Socket wrench, size 8



The Schletter tool kit includes the equipment required for all standard systems.

Tightening torques

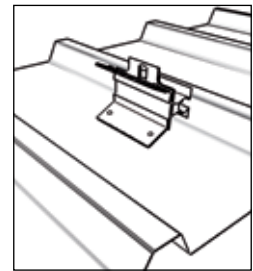
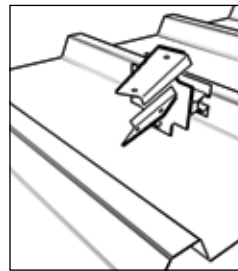
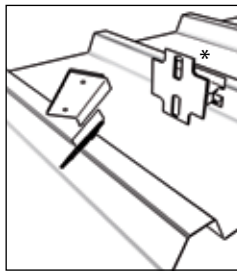
M8 bolted connections: 15 Nm

Exception:

Self-drilling screws: The screws must be fastened tightly, but must not be overtightened.

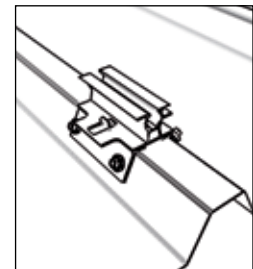
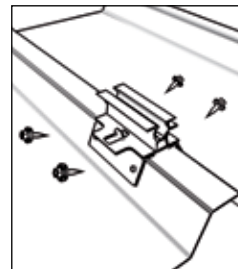
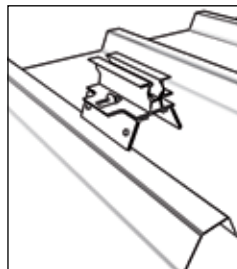
1 Prepare the fasteners

- Hook the rubber-lined side-pieces into the profile piece*.
- Hook in and arrange the side pieces.



2 Mount the fasteners

- Position the profile piece centrally on the corrugation top (crown).
- Press the side pieces onto the sides of the trapezium.
- Place the self-drilling screws¹ at the lower edge of the hole and fasten them.
- Do not over-tighten the sealing washer - it must not be pressed flat completely.



¹ Only use screws with general technical approval:

- Ejot JT3-2-6xL
- Ejot JF3-2-5.5xL
- Ejot JT3-2H Plus-5.5xL
- Reisser RP-T2-6.0xL

Length: 25 mm

Safety information



Planning, mounting and putting into operation of the solar plant must be performed by qualified personnel only. Poor quality execution can result in damage to the plant and to the building and can present a risk to people.



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 used.



Risk of injury! Objects falling from the roof can cause injury to people. The danger area around the installation site must be sealed off and people close to this area must be warned.

Assembly information

The SingleFix-HU fasteners must be able to transfer specifically defined forces so that the structural analysis can also be applied to the entire system. Thus, the following items must be considered:

- The clamp must seat on the sheet metal when the screws are tightened (transfer of pressure loads).
- Do not over-tighten screws during assembly, they must not turn without grip.
- Once screws are in place, they must not be removed and redeployed into the same hole.
- Steel sheets and aluminium sheets must have a thickness of at least 0.5 mm to comply with the technical approval of the screws.
- The roof must be able to withstand the additional load of the PV-plant.
- The trapezoidal sheet fastening must be capable of absorbing the wind suction forces.
- With sandwich elements, an adequate holding force between the layers must be safeguarded.
- Do not fasten SingleFix at joints of trapezoidal metal sheets.
- Please ensure that SingleFix seats solidly.

For further information relating to our systems, please visit our website: www.schletter.eu and go to the download area.