



Trapez 3

Item no.11205-03

Trapez 3-60

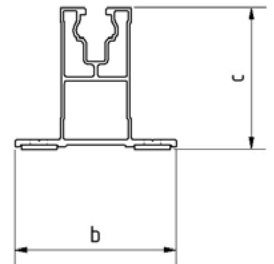
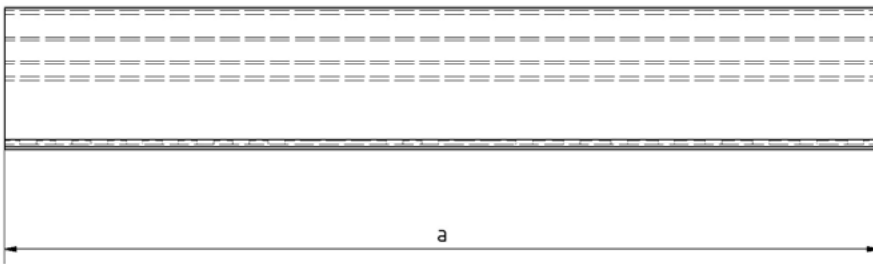
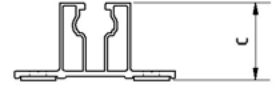
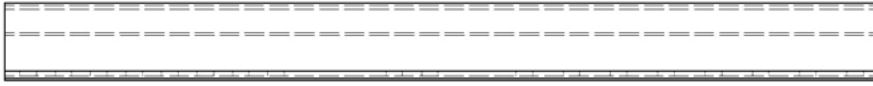
Item no.11205-04

Your advantages with our products

- » Installation on top of the rib ensures best accessibility and greatest possible distance from the water-bearing layer.
- » Pre-installed EPDM rubber is UV-resistant and ensures water-sealing of the attachment.
- » 370 mm long rail can span over several ribs.
- » Convenient and time-saving installation from the top.
- » Use Cross Connector to install additional RAILS.

*Our warranty conditions apply. They are available at www.sl-rack.com

Dimensions:



	a	b	c
Trapez 3	370 mm	68 mm	33 mm
Trapez 3-60	370 mm	68 mm	60 mm

Accessories:



Cross Connector 2.0
Item no. 91204-00



Potential Equalization Plate
Item no. 93201-00

Symbols and special emphasis

	Risk of injury from falling objects. Before starting installation, block off the danger zone and warn people in the vicinity!
	Design, installation and commissioning shall only be carried out by qualified personnel.
	Improper installation can result in damage to the roof and the entire PV system.
	Warning of fall hazard! There is a risk of falling when working on the roof as well as when climbing on and off the roof. Always follow accident prevention regulations and use appropriate fall protection. PV racking systems are not intended to be used as climbing aids or fall protection. The roof must be sturdy enough to stand on.
	Follow these instructions for proper and safe use. Keep for future reference.
	Use a safety harness.
	Wear safety goggles.
	Wear safety gloves.

For ease of reading, the generic masculine form is used throughout this document. Unless otherwise stated, personal designations refer to all genders.

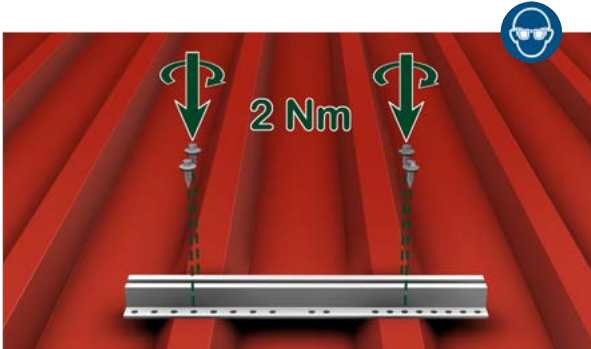
Installation



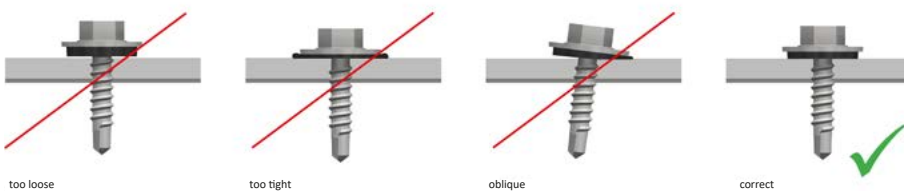
Note: According to DIN EN 1990-4:2018, paragraph 5.5.1, the minimum sheet thickness is 0.75 mm, unless the manufacturer of the trapezoidal sheet has an approval of the General Building Authority. The following torque values typically apply for installation on trapezoidal sheets:

Sheet thickness::	0,5 mm	0,63 mm	0,75 mm	1 mm
Torque:	1 Nm	1 Nm	2 Nm	2 Nm

Installation steps are identical for Trapez 3 and Trapez 3-60.

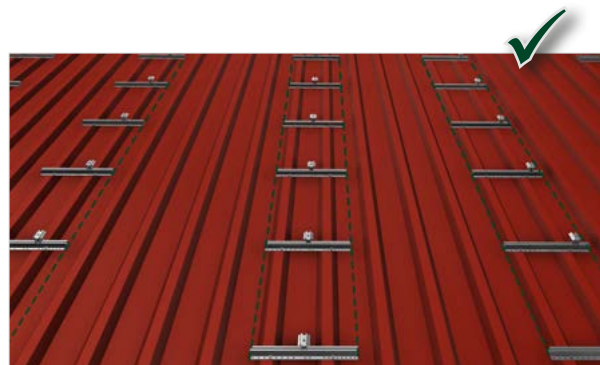


1. Mount Trapez 3 in the appropriate position with as much overlap as possible. Make sure the overlap is identical on both sides.
2. Place the separately available self-drilling screw incl. EPDM sealing washer exactly at a 90° angle to the rib and fixate it with a tightening torque of 2 Nm with a cordless screw driver with depth stop. This is the only way to ensure a water-sealing connection through the pre-installed EPDM rubber strip on the bottom. Pay special attention to the sealing washer. The screw must not be tightened either too loosely, nor too tightly, so that the sealing washer can perform its function optimally. Incorrect tightening can quickly lead to leaks.

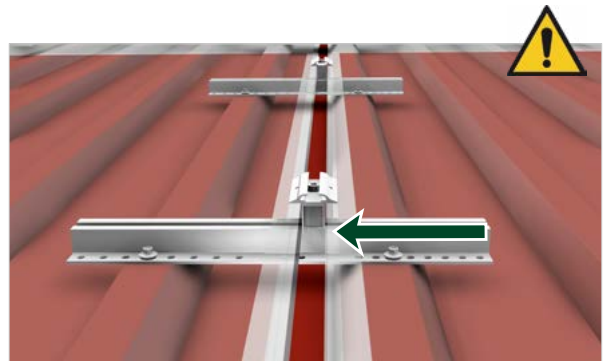
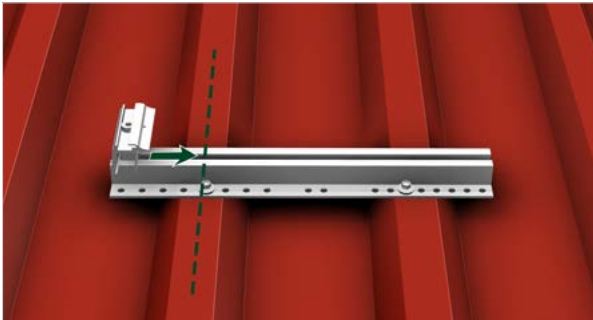


Note:

Once the screw has been installed, it must not be loosened and screwed into the same hole again.



3. Attach Trapez 3 perpendicular to the ribs.



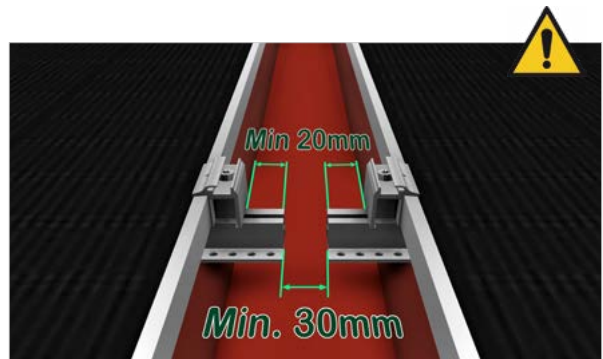
4. Module clamp or Cross Connector must not be mounted in the edge area. Ensure that they are pushed away from the edge at least up to the rib.



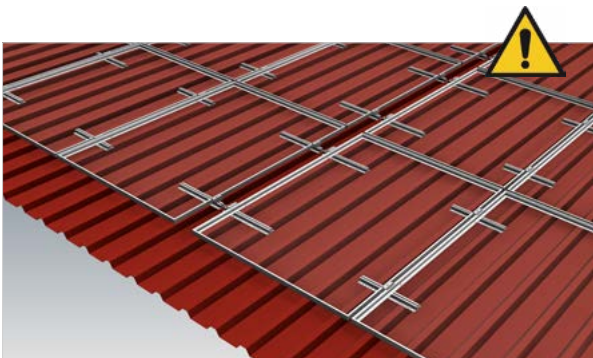
Unless otherwise specified by the manufacturer of the trapezoidal or sandwich roof, a thermal break must be provided every 15 m.



5. Install two Trapez 3 as illustrated.



6. Fasten the modules with two opposing end clamps. **Observe the distances!**



7. This is what the correct installation looks like.

