

Slate Roof Replacement Plate

- » Suitable for roof-parallel applications as well as elevated systems in conjunction with hangar bolts
- » Works for all common slate, bitumen, fiber cement and shingle roofs
- » Direct attachment to the roof substructure ensures a solid connection ([Page 22](#))

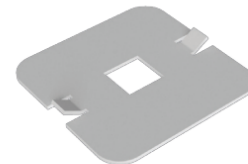


VARIANTS

Item no. 13501-270	EAN 4262355110360	Slate Roof Replacement Plate 200 x 270 mm	50 pcs. per PU
Item no. 13501-370	EAN 4262355110377	Slate Roof Replacement Plate 200 x 370 mm	50 pcs. per PU
Item no. 13501-580	EAN 4262355110384	Slate Roof Replacement Plate 200 x 580 mm	25 pcs. per PU

Support Plate

- » Increases the support surface for solar modules
- » Material: Aluminum



Item no. 91701-00	EAN 4262355110766	Support Plate	100 pcs. per PU
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Nut Insert M8

- » Easy insertion of square nut anywhere on the RAIL profile
- » Enables universal attachment of various components



Item no. 94301-00	EAN 4262355110773	Nut Insert M8	100 pcs. per PU
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Cable Clip RAIL

Cable tie made of UV and weather-resistant plastic in matt black.

Improved design:

- » Even more compact and space-saving for clean and stable cable routing on the roof
- » Optimized closure for accurate fixation
- » Even more pliable and flexible
- » Time savings due to easier and quicker cable attachment
- » Frequent re-usability leads to material and cost savings
- » Fits into the upper rail channel of any SL Rack RAIL and common rails on the market with an 8 mm groove width
- » Quickly installed and easily de-installed for later re-use
- » Effortless repositioning in the top rail channel
- » Suitable for installation underneath modules with a frame height of 30 mm - also works for glass-glass and bifacial modules
- » Space for one connector (e.g. MC4, Sunclix) and up to 15 cables with a diameter of 5.4 mm each.



Item no. 91402-00	EAN 4262355110827	Cable Clip RAIL, matt black	100 pcs. per PU
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Lightning Protection Clamp

- » Fits all RAIL profiles
- » Item no. 91518-00: convenient installation from the top, only one tool required: Torx TX40
- » Completely pre-assembled
- » One clamp, two options: round wire Ø 8 mm and Ø 10 mm
- » Certified to DIN EN 62561
- » Metrological tests need to be performed according to the valid electrotechnical standards



Lightning Protection Clamp top, very low height, suitable for 30 mm module frames



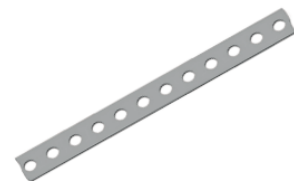
Lightning Protection Clamp bottom, incl. M10 bolt

VARIANTS

Item no. 91518-00	EAN 4262355110742	Lightning Protection Clamp top	100 pcs. per PU
Item no. 91520-00	EAN 4262355110759	Lightning Protection Clamp bottom	100 pcs. per PU

Perforated Aluminium Tape

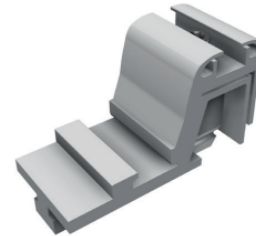
- » Perforated aluminum tape for potential connections, 27 x 1.5 mm, Ø 6,75 mm
- » 50 m roll, hole distance 40 mm



Item no. 91827-50	EAN 4262355110834	Perforated aluminum tape for potential connections - 50 m	10 pcs. per PU
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Cross Connector

- » Quick and easy 90° cross connection to all RAIL profiles
- » Convenient and time-saving installation from the top
- » Only one tool required: Torx TX40
- » Easy to release and reposition
- » Suitable to connect to a lightning protection system



Item no. 91202-00	EAN 4262355110735	Cross Connector	100 pcs. per PU
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Clamp Combinations

- » Connects to most roof hooks and Alpha-Plate
- » RAIL can be attached directly to the roof hooks
- » Quick and easy height adjustment for uneven roofs
- » Time-saving installation; only one tool required: Torx TX40
- » Installation as single or cross-rail system
- » Ensures a continuous low-resistance connection for equipotential bonding

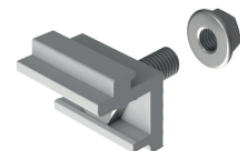


VARIANTS

Item no. 11105-05	EAN 4262355110339	Clamp Combination, vertical	100 pcs. per PU
Item no. 13101-05	EAN 4262355110919	Clamp Combination, horizontal	100 pcs. per PU

Universal RAIL Adaptor

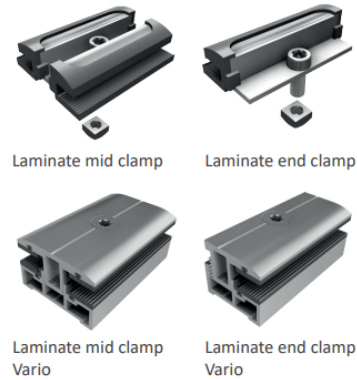
- » Connects RAILS to any common roof hook and roof replacement panel with vertical mounting surface and hole or slot for M10 screw
- » M10 screw is pressed into the Universal RAIL Adaptor
- » No counter-pressure necessary when tightening the nut
- » M10 nut included



Item no. 11110-00	EAN 4262355111435	Universal RAIL Adaptor, incl. nut M10	200 pcs. per PU
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Laminat Clamps

- » Laminat clamps for frameless thin-film modules with a thickness of 6,8 mm as well as laminat clamps Vario, accommodating various module thicknesses
- » 70 mm clamp length in combination with corrugated EPDM rubber ensure a safe installation of frameless modules
- » Convenient installation from the top
- » Including M8 bolt and square nut
- » Optional: Nut Insert M8 (item no. 94301-00), for easy insertion of square nut anywhere on the RAIL profile



VARIANTS

Item no. 91601-68	EAN 4262355110605	Laminat mid clamp, incl. nut and bolt	100 pcs. per PU
Item no. 91601-69	EAN 4262355110612	Laminat end clamp, incl. nut and bolt	100 pcs. per PU
Item no. 91602-68	EAN 4262355111695	Laminat end clamp Vario, incl. nut and bolt	50 pcs. per PU
Item no. 91602-69	EAN 4262355111701	Laminat end clamp Vario, incl. nut and bolt	50 pcs. per PU

Wood Screw Flange Head



VARIANTS

Item no. 92106-08	EAN 4262355110841	Wood screw, flange head 6 x 80 mm TX 30	100 pcs. per PU
Item no. 92106-10	EAN 4262355110858	Wood screw, flange head 6 x 100 mm TX 30	100 pcs. per PU
Item no. 92106-12	EAN 4262355110865	Wood screw, flange head 6 x 120 mm TX 30	100 pcs. per PU
Item no. 92108-08	EAN 4262355110872	Wood screw, flange head 8 x 80 mm TX 40	50 pcs. per PU
Item no. 92108-10	EAN 4262355110896	Wood screw, flange head 8 x 100 mm TX 40	50 pcs. per PU
Item no. 92108-12	EAN 4262355110889	Wood screw, flange head 8 x 120 mm TX 40	50 pcs. per PU
Item no. 92108-28	EAN 4262355110902	Wood screw, flange head 8 x 280 mm TX 40	50 pcs. per PU

Square Nut



Item no. 93304-08	EAN 4262355110780	Square Nut M8	200 pcs. per PU
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Hexagon Nut



Item no. 93306-10	EAN 4262355110797	Hexagon Nut M10	100 pcs. per PU
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Hexagon Bolt



Item no. 93110-25	EAN 4262355110803	Hexagon Bolt M10 x 25 mm	100 pcs. per PU
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