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GERMAN INNOVATION

Innovative Product Development



„Our racking systems have been developed since 1996 and are continuously optimized. Pre-assembled components that are quick and easy to install, prompt order processing, a reliable product supply and cost-effectiveness are our focus.

All our components follow a convenient top-down installation approach, ensuring a smooth and time-saving workflow. SL Rack systems are installer-friendly, intuitive and standardized, while still providing the flexibility to adapt to each respective project site.“

Sincerely,

Ludwig Schletter

SL Rack in numbers:



26..... Years of experience

30..... GW installed worldwide

15..... Product specialists are happy to support you!

EU..... Almost exclusively manufactured in Germany and Europe

100% ... Stainless steel and aluminum - **extremly durable**

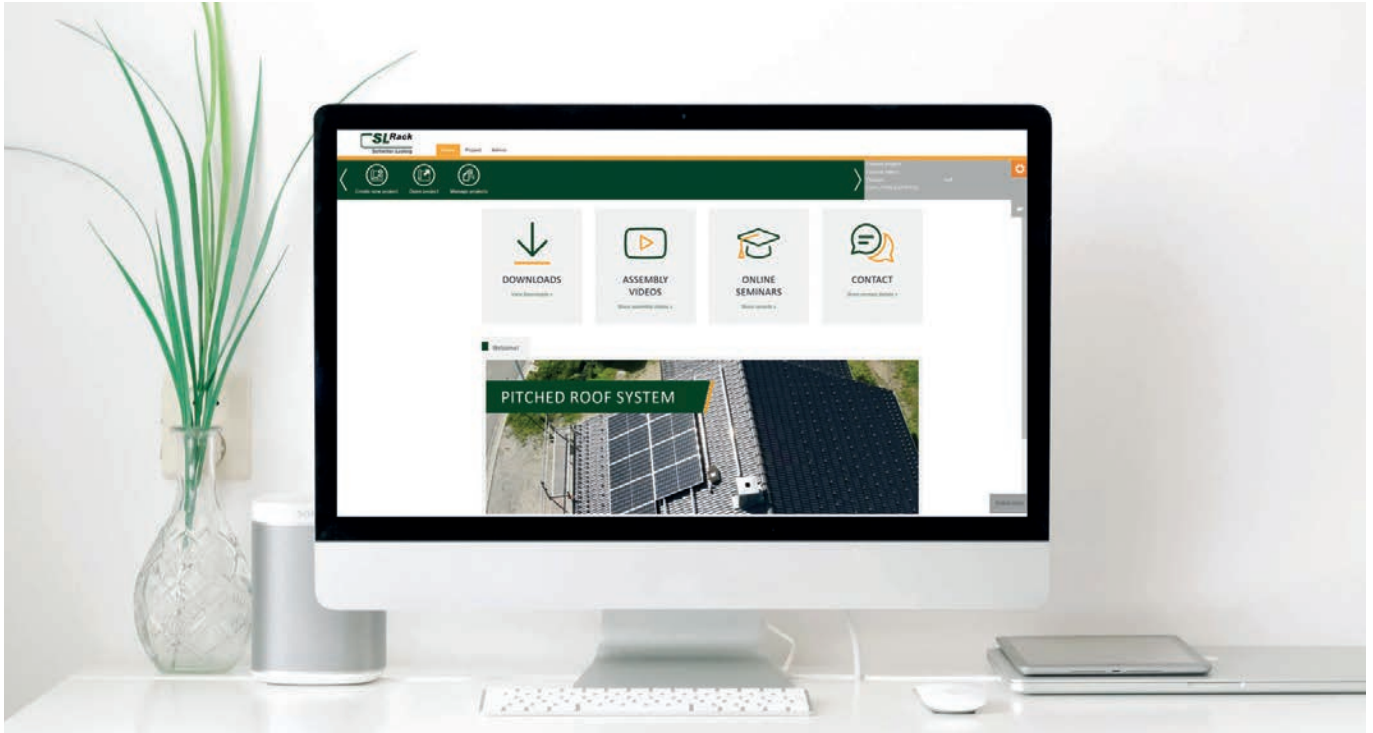


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[Installation videos »](#)

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

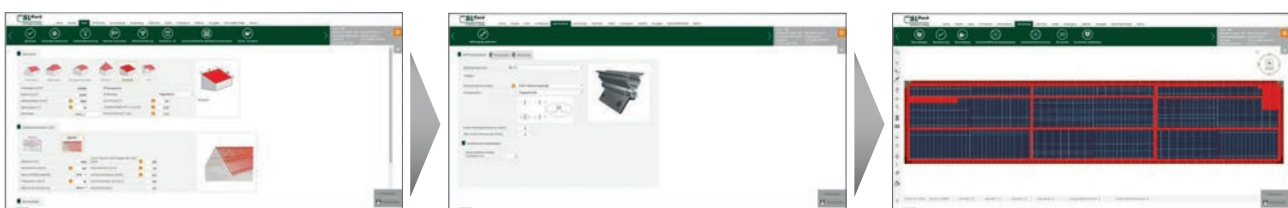


Welcome to our **Solar.Pro.Tool**

Solar.Pro.Tool

Design your rooftop projects quickly and with ease using our **Solar.Pro.Tool**, available on our website.

- » For all pitched and flat roofs
- » Finish your design in 10 simple steps
- » In 2D or 3D (PDF, DXF, DWG)
- » Building authority certified
- » Precise ballast calculations for any type of flat roof
- » Drawings and bill of material

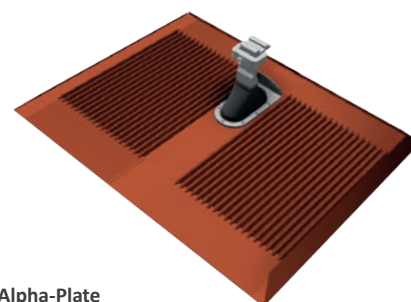




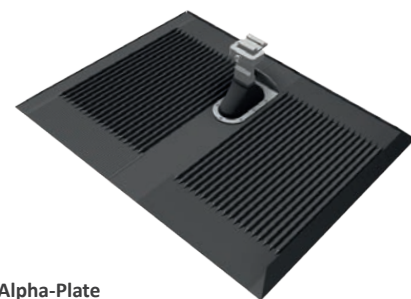
UNIQUE IN THE MARKET

Alpha-Plate

- » Universal roof replacement panel for almost any type of tile
- » Up to 60 % reduction of roof attachments
- » Suitable for high snow loads (up to 1,500 kg)
- » Optimized warehousing
- » Mechanical cutting unnecessary; no more broken tiles!
- » Min. width of rafter only 36 mm (when using M6 screws)
- » Height of rail easily adjustable with pre-installed Clamp Combination (switch with Clamp Combination vertical, item no. 11105-05 for a vertical rail installation)
- » Installer-friendly "top-down" design: just place the rail onto the Clamp Combination. One screw fixates the rail and locks in the height at the same time.
- » Only one tool required: Torx 40
- » Sealed with a riveted, UV-resistant EPDM rubber sleeve and raised panel sides
- » Wind calmed zones are created in the corrugated depressions; this allows the water to flow straight downwards
- » Integrated snow- and ice deflector
- » Installation as single- or cross-rail system
- » Delivery including hose clamp
- » Material: Rolled aluminum sheet metal
- » Cover length: 430 mm



Alpha-Plate
Brick Red RAL 8004
Item no. 11500-00



Alpha-Plate
Anthracite RAL 7016
Item no. 11500-01

VARIANTS

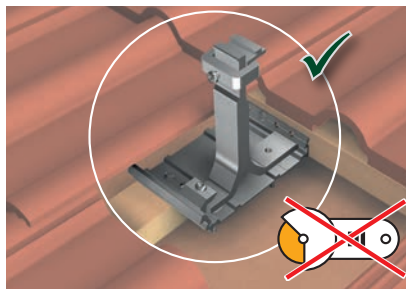
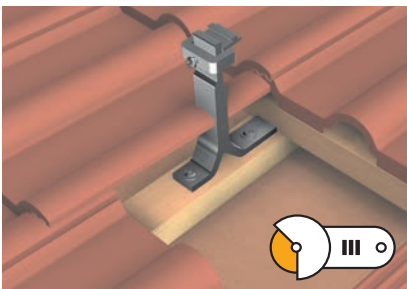
Item no. 11500-00	EAN 4262355110971	Alpha-Plate, Brick Red RAL 8004	5 pcs. per PU
Item no. 11500-01	EAN 4262355110988	Alpha-Plate, Anthracite RAL 7016	5 pcs. per PU

Accessories



» Alpha-Flex 120 Item no. 11512-00

- Mounting plate for console
- Lateral adjustability
- Grounding lug can be attached
- Incl. Alpha-Flex-Console Mounting Clamp



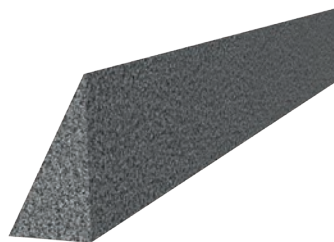
» Alpha-Flex 2000 Item no. 11501-2000

- Profile can span the width of up to 2 rafters (required in case an appropriate attachment for the console or mounting plate is not available)
- Better load distribution if multiple consoles are utilized
- Lateral adjustability
- Grounding lug can be attached



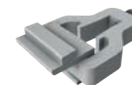
» Optional Hose Clamp for Alpha-Plate Item no. 11500-10

- Improves driving rain tightness
- Fixated on the sealing sleeve
- Adapts to the shape of the sealing sleeve by turning in



» Optional Foam Wedge for Alpha- & Beta-Plate Item no. 97401-00

- Optional component for rodent protection for extreme types of tiles
- Self-adhesive full foam strip
- Malleable structure
- Made of rot-proof net foam



» Optional vertical Clamp Combination Item no.11105-05



» Optional Potential Equalization Clamp for SL Alu and Alpha-Flex Item no.11101-20



» Optional Alpha-Flex-Console Mounting Clamp Item no. 11501-02

ACCESSORIES

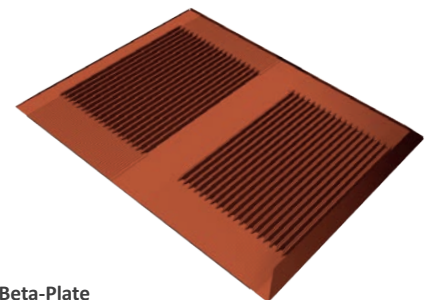
Item no. 11512-00	EAN 4262355110346	Alpha-Flex 120, length 120 mm, incl. Alpha-Flex-Console Mounting Clamp	20 pcs. per PU
Item no. 11501-2000	EAN 4262355110353	Alpha-Flex 2000, length 2000 mm	20 pcs. per PU
Item no. 11105-05	EAN 4262355110339	Clamp Combination, vertical	100 pcs. per PU
Item no. 11501-02	EAN 4262355111428	Alpha-Flex-Console Mounting Clamp	200 pcs. per PU
Item no. 11101-20	EAN 4262355111411	Potential Equalization Clamp for SL Alu and Alpha-Flex	200 pcs. per PU
Item no. 97401-00	EAN 4262355111985	Foam Wedge for Alpha- & Beta-Plate	100 pcs. per PU
Item no. 11500-10	EAN 4262355113095	Hose Clamp for Alpha-Plate	100 pcs. per PU



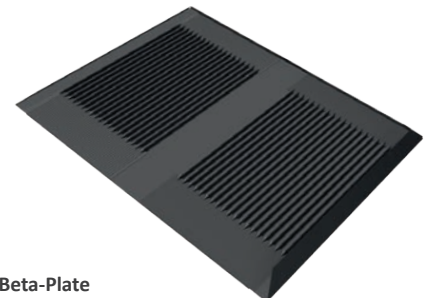
UNIQUE IN THE MARKET

Beta-Plate

- » Universal roof replacement panel for almost any type of tile
- » Can be combined with the SL Alu roof hook series
- » Flexible positioning on the roof
- » Long-lasting stability
=> Tread resistance
- » With proven butyl adhesive strip
- » **Including rodent protection (Foam Wedge, item no. 97401-00)**
- » Optimized warehousing
- » Mechanical cutting unnecessary; no more broken tiles!
- » Prevents consequential damage
- » Wind calmed zones are created in the corrugated depressions; this allows the water to flow straight downwards
- » Available in brick red (similar to RAL 8004) and anthracite (similar to RAL 7016) - two models that fit almost any roof
- » Material: Rolled aluminum sheet metal
- » Cover length: 430 mm



Beta-Plate
Brick Red RAL 8004
Item no. 11522-00



Beta-Plate
Anthracite RAL 7016
Item no. 11522-01

VARIANTS

Item no. 11522-00	EAN 4262355112050	Beta-Plate, Brick Red RAL 8004	5 pcs. per PU
Item no. 11522-01	EAN 4262355112067	Beta-Plate, Anthracite RAL 7016	5 pcs. per PU

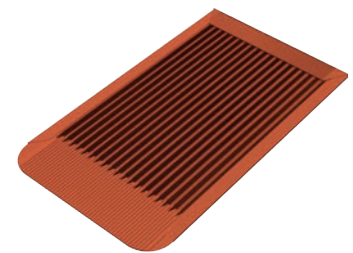


UNIQUE IN THE MARKET

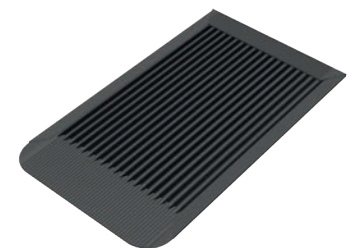
Beaver-Plate

i We recommend installation in combination with roof hook SL A2-Beavertail (item no. 13106-00)

- » Can be combined with roof hook SL A2-Beavertail
- » Long-lasting stability
 - => Tread resistance
 - => No more broken tiles
- » Flexible positioning on the roof
- » Maximum water sealing due to raised panel sides
- » Material: Rolled aluminum sheet metal
- » Cover length: 430 mm



Beaver-Plate
Brick Red RAL 8004
Item no. 11530-00



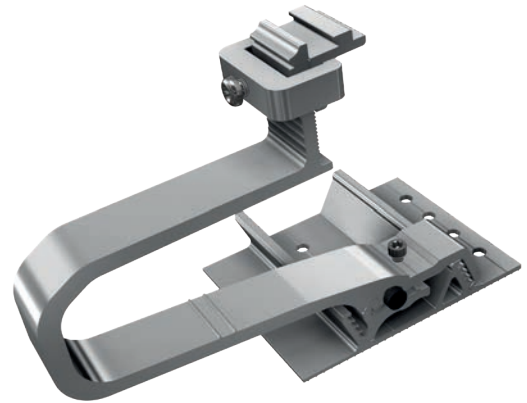
Beaver-Plate
Anthracite RAL 7016
Item no 11530-01

VARIANTS

Item no. 11530-00	EAN 4262355112210	Beaver-Plate, Brick Red RAL 8004	20 pcs. per PU
Item no. 11530-01	EAN 4262355112357	Beaver-Plate, Anthracite RAL 7016	20 pcs. per PU

Roof Hook 3D SL Alu

- » Suitable for all common tile roofs / snow load zones
- » **Three-dimensional adjustability of the roof hook:**
 - Optimal adaptability to the roof: no shims necessary!
 - Simple height adjustment of the foot from 44 mm - 64 mm, bracket just needs to be hooked in at the appropriate position and fixated
 - Lateral flexibility of the base plate allows for optimal positioning of the bracket when exiting the roof tiles
- » Proven and fast hook-in technology for rails
- » Height of rail easily adjustable with pre-installed Clamp Combination (switch with Clamp Combination vertical, item no. 11105-05 for a vertical rail installation)
- » Only one tool required: Torx 40
- » Installation as single- or cross-rail system
- » Due to larger hole spacing the use of M8 screws is possible
- » Application even on narrow rafters, e.g. nail trusses with a min. width of 36 mm (provided the use of M6 screws)
- » Completely made of aluminum
- » Advantage of aluminum over stainless steel:
The thickness of the material can be adjusted to absorb the acting forces, lower weight
- » Potential Equalization Clamp (item no. 11101-20) can be attached
- » **Compatible with Rafter Spanning Profile SL Alu-Flex 2000 (item no. 11102-2000):**
 - Allows for max. lateral adjustments and the positioning of roof hooks between 2 rafters
 - For spanning over a non-loadable rafter
 - Ideal for the installation of roof hooks close to the verge or around dormers



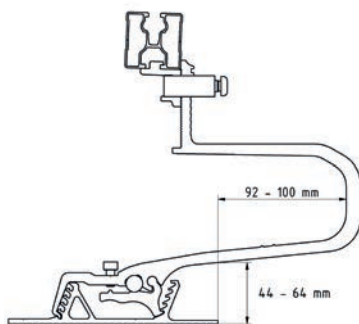
**Optional Vertical
Clamp Combination**
Item no. 11105-05



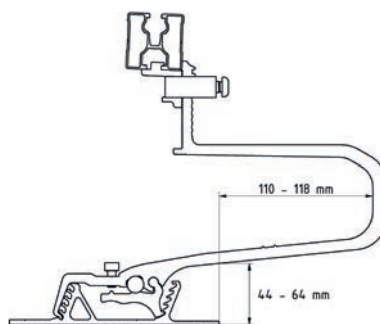
**Optional Potential
Equalization Clamp for
SL Alu and Alpha-Flex**
Item no. 11101-20



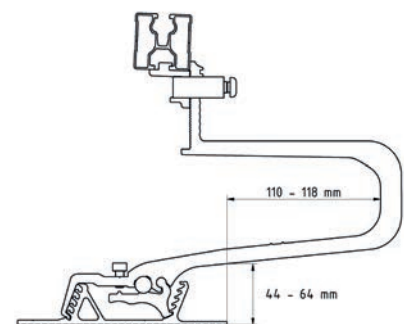
**Optional Rafter Spanning Profile
SL Alu-Flex 2000**
Item no. 11102-2000



SL Alu K



SL Alu L



SL Alu XL

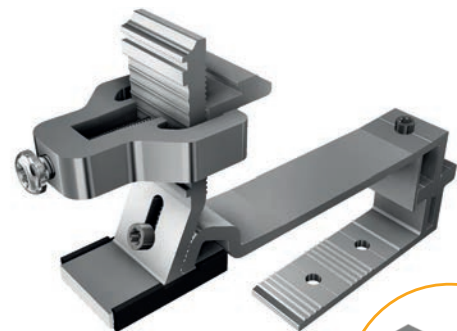
VARIANTS

Item no. 11145-01	EAN 4262355112555	Roof Hook 3D SL Alu K	10 pcs. per PU
Item no. 11100-01	EAN 4262355112562	Roof Hook 3D SL Alu L	10 pcs. per PU
Item no. 11100-02	EAN 4262355112609	Roof Hook 3D SL Alu XL	10 pcs. per PU
Item no. 11105-05	EAN 4262355110339	Clamp Combination, vertical	100 pcs. per PU
Item no. 11101-20	EAN 4262355111411	Potential Equalization Clamp for SL Alu and Alpha-Flex	200 pcs. per PU
Item no. 11102-2000	EAN 4262355111992	SL Alu-Flex 2000	20 pcs. per PU

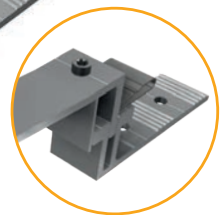


SL Alu Multi Hook

- » Extreme flexibility – a roof hook that attaches with or without screws
- » Option of two installation methods:
 - => Option 1: Hooked underneath the batten and over the tile, fixated by tightening the M6 bolt with Torx 40 (30 mm - 60 mm); An attachment with flange head wood screws to the rafter is unnecessary
 - => Option 2: Attached to the rafter in extreme wind regions (30 mm - 60 mm)
- » Triple height adjustability:
 - => Adapts to almost any roof
 - => Compensates for uneven roof surfaces (25 mm)
- » Optimum structure: Extremely slim design eliminates the need for tile cutting; Can also be used with bonded concrete roof tiles
- » Efficient positioning of the roof hook
 - => Exact placement at the quarter point
 - => Vertical or horizontal rail orientation
- » Optimal load distribution due to wide support on the roof tile
- » Risk of tile breakage reduced to a minimum
- » Convenience of installation:
 - => Roof hook can be attached to the belt during mounting
 - => Pre-assembled components, no loss of small parts
 - => Only one tool required for installation: Torx 40
- » Compatible with SL Rack RAILS and competitor products
- » Easy grounding with Potential Equalization Clamp
 - => Suitable to connect to lightning protection systems
- » Corrosion and UV-resistant



SL Alu Multi Hook
Item no. 11100-05



Option 2:
Attachment to the
rafter

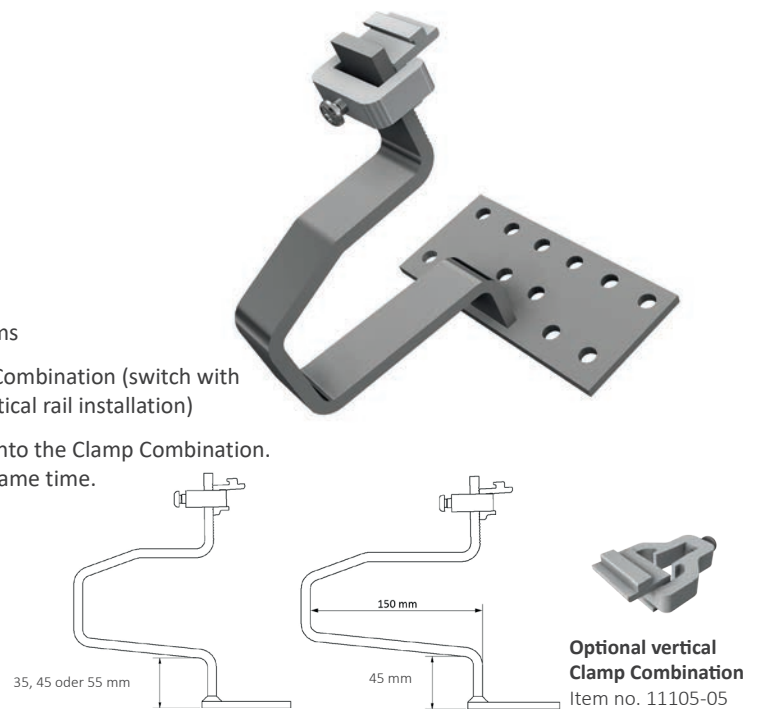


**Optional
Potential Equalization Clamp for
SL Alu Multi Hook**
Item no. 11100-08

Item no. 11100-05	EAN 4262355112227	Roof Hook SL Alu Multi Hook	20 pcs. per PU
Item no. 11100-08	EAN 4262355112593	Potential Equalization Clamp for SL Alu Multi Hook	500 pcs. per PU

Roof Hook SL A2

- » Economical and reliable all-rounder
- » Suitable for all common tile roofs / snow load zones
- » Optimal adaptability to the roof with 2 mm or 5 mm shims
- » Height of rail easily adjustable with pre-installed Clamp Combination (switch with Clamp Combination vertical, item no. 11105-05 for a vertical rail installation)
- » Installer-friendly "top-down" design: just place the rail onto the Clamp Combination. One screw fixates the rail and locks in the height at the same time.
- » Only one tool required: Torx 40
- » Installation as single- or cross-rail system
- » Material: Stainless steel, welded



VARIANTS

Item no. 13135-01	EAN 4262355110926	Roof Hook SL A2-35	20 pcs. per PU
Item no. 13145-01	EAN 4262355110933	Roof Hook SL A2-45	20 pcs. per PU
Item no. 13145-02	EAN 4262355110940	Roof Hook SL A2-45 X	10 pcs. per PU
Item no. 13145-03	EAN 4262355112036	Roof Hook SL A2-45 L (long)	10 pcs. per PU
Item no. 13155-01	EAN 4262355111923	Roof Hook SL A2-55	10 pcs. per PU
Item no. 11105-05	EAN 4262355110339	Clamp Combination, vertical	100 pcs. per PU

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 40
- » Installation as single or cross-rail system
- » Ensures a continuous low-resistance connection for grounding

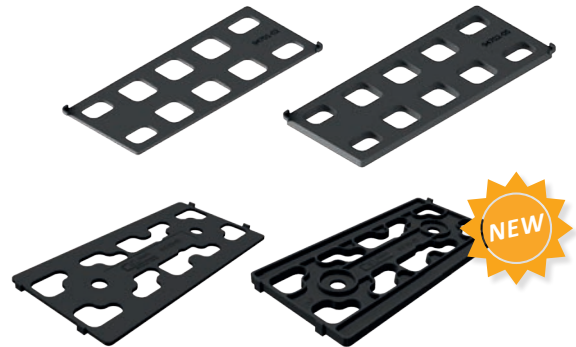


VARIANTS

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

Shims for Roof Hooks

- » For levelling different roof batten heights
- » Shims compatible with stainless steel roof hooks
- » Flex Shims compatible with aluminum and stainless steel roof hooks



VARIANTS

Item no. 94701-02	EAN 4262355110278	Shim: 2 mm, 150 x 60 mm	100 pcs. per PU
Item no. 94702-05	EAN 4262355110285	Shim: 5 mm, 150 x 60 mm	50 pcs. per PU
Item no. 94703-02	EAN 4262355112524	Flex Shim: 2 mm, 150 x 60 mm	100 pcs. per PU
Item no. 94703-05	EAN 4262355112531	Flex Shim: 5 mm, 150 x 60 mm	50 pcs. per PU

Roof Hook Sealing

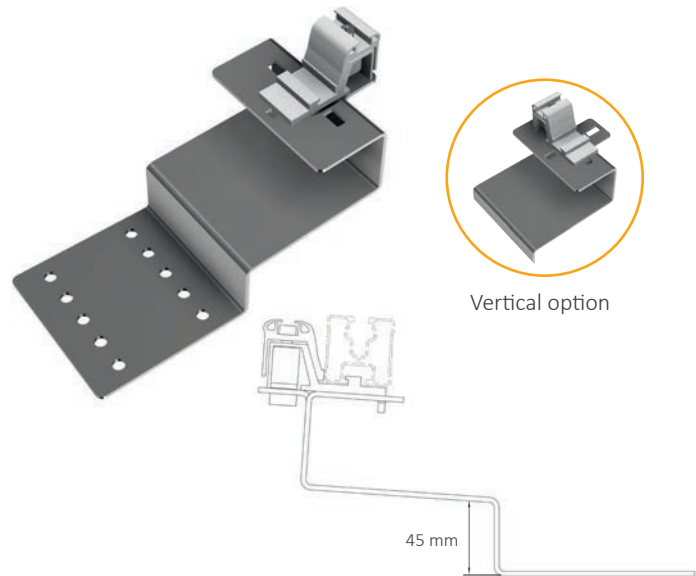
- » Foam to seal-off grinded roof tiles
- » Easy attachment to the roof hook
- » Flexibility in the grinding of the roof tile to ensure accurate sealing
 - => Driving rain proof
 - => Protection from capillary effect



Item no. 97402-00	EAN 4262355112661	Roof Hook Sealing	100 pcs. per PU
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Roof Hook SL A2-Tegalit

- » Cleverly designed stainless steel roof hook without a weld
- » Suitable for all common Tegalit roofs
- » Pre-assembled Cross Connector allows for horizontal or vertical installation
- » Mounting plate offers lateral adjustment
- » Installer-friendly “top-down” design: Just place the rail onto the Cross Connector and tighten the screw to fixate the rail
- » Only one tool required: Torx T40
- » Installation as single- or cross-rail system

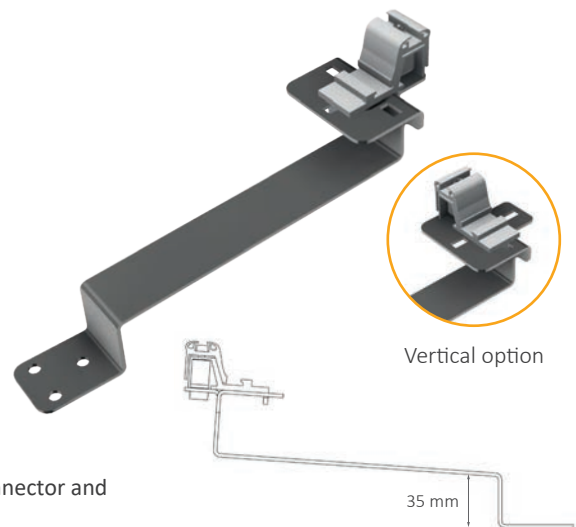


Item no. 13105-00	EAN 4262355110964	Roof Hook SL A2-Tegalit	10 pcs. per PU
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Roof Hook SL A2-Beavertail

i We recommend installation in combination with Beaver-Plate (item no. 11530-00, 11530-01)

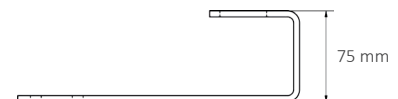
- » Cleverly designed stainless steel roof hook without a weld
- » Suitable for all common Beavertail roofs
- » Pre-assembled Cross Connector allows for horizontal or vertical installation
- » Mounting plate offers lateral adjustment
- » Installer-friendly “top-down” design: Just place the rail onto the Cross Connector and tighten the screw to fixate the rail
- » Only one tool required: Torx T40
- » Installation as single- or cross-rail system



Item no. 13106-00	EAN 4262355110407	Roof Hook SL A2-Beavertail	10 pcs. per PU
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Roof Hook SL A2-Slate

- » Stainless steel roof hook without a weld
- » Works with roof replacement plates
- » Horizontal and vertical direct mounting of rails through M10 slot
- » Bolt (M10x25) and nut optionally available, items no. 93110-25 and 93306-10
- » Installation as single- or cross-rail system



Item no. 13107-00	EAN 4262355110391	Roof Hook SL A2-Slate	20 pcs. per PU
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Slate Roof Replacement Plate

- » Suitable for roof-parallel applications as well as elevated systems in conjunction with hanger bolts
- » Works for all common slate, bitumen, fiber cement and shingle roofs
- » Direct attachment to the roof substructure ensures a solid connection ([Page 25](#))



VARIANTS

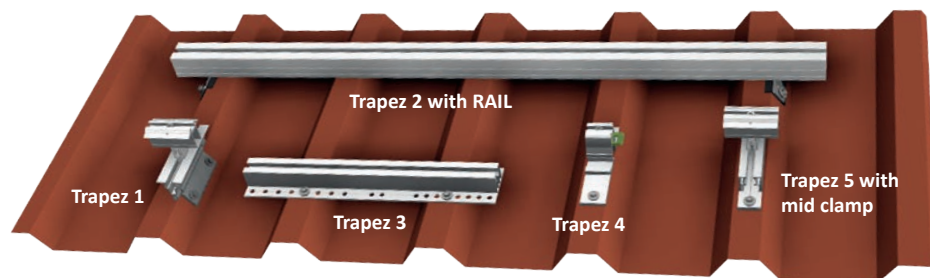
Item no. 13501-270	EAN 4262355110360	Slate Roof Replacement Plate 200 x 270 mm	50 pcs. per PU
Item no. 13501-370	EAN 4262355110377	Slate Roof Replacement Plate 200 x 370 mm	50 pcs. per PU
Item no. 13501-580	EAN 4262355110384	Slate Roof Replacement Plate 200 x 580 mm	25 pcs. per PU

Rafter Spanning Profile SL Alu-Flex 2000

- » Suitable for SL Alu series roof hooks
- » Allows maximum horizontal movement and positioning of roof hooks between two rafters
- » Available in 2000 mm length



Item no. 11102-2000	EAN 4262355111992	SL Alu-Flex 2000	40 pcs. per PU
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Advantages:

- » Optional: Potential Equalization Plate
- » Pre-installed EPDM rubber is UV-resistant and ensures water-sealing of the attachment
- » Self-tapping screws incl. EPDM sealing washer available separately

Trapez 1

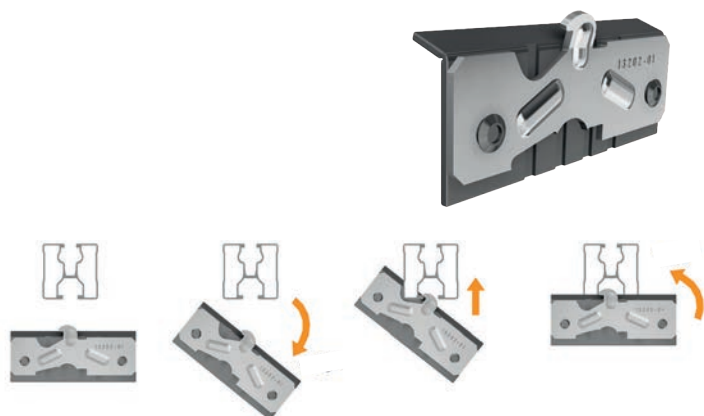
- » Very cost-effective and material-saving rail-less option for horizontal module installation
- » Suitable for almost any trapezoidal roof
- » Material: Aluminum, EPDM rubber



Item no. 11201-01	EAN 4262355110414	Trapez 1	100 pcs. per PU
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Trapez 2

- » Simplest attachment for a rail-based system
- » Suitable for almost any trapezoidal roof
- » Fits bottom channel of any RAIL
- » Always mount in pairs facing each other
- » Material: Stainless steel, EPDM rubber



Item no. 13202-01	EAN 4262355110421	Trapez 2	200 pcs. per PU
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Trapez 3

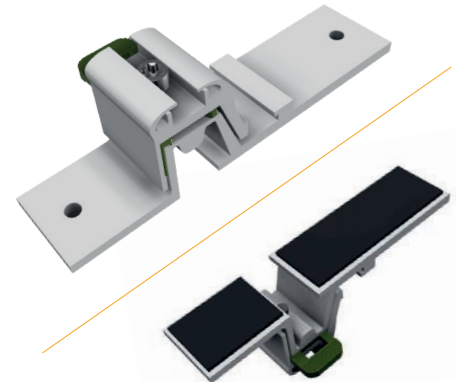
- » Convenient and time-saving installation from the top
- » 370 mm long rail can span over several ribs
- » Installation on top of the rib ensures best accessibility and greatest possible distance from the water-bearing layer
- » Vertical module mounting; horizontal mounting requires the use of Support Plates (item no. 91701-00)
- » Can be combined with Cross Connectors for use with RAILS
- » Material: Aluminum, EPDM rubber



Item no. 11205-03	EAN 4262355110438	Trapez 3	50 pcs. per PU
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Trapez 4

- » Convenient and time-saving installation from the top
- » Installation on top of the rib ensures best accessibility and greatest possible distance from the water-bearing layer
- » Integrated plastic spacer offers the option of a sliding connection of the rail to accommodate thermal expansion
- » Due to the increased contact area, higher forces can be transferred via the trapezoidal sheet
- » Material: Aluminum, EPDM rubber, plastic (spacer)

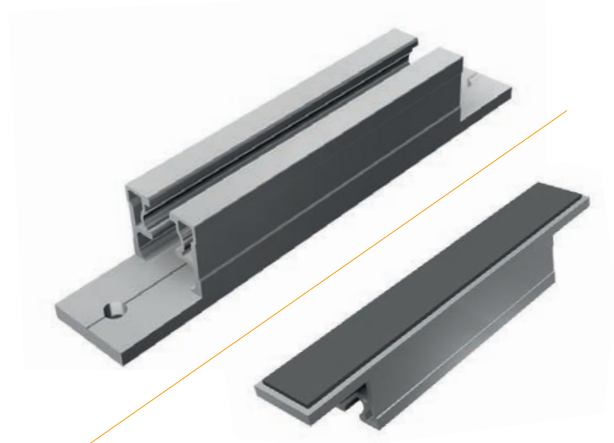


With pre-installed EPDM rubber strips (UV resistant)

Item no. 91203-00	EAN 4262355110445	Trapez 4	100 pcs. per PU
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Trapez 5

- » Convenient and time-saving installation from the top
- » Short rail with integrated rail channel for horizontal module installation
- » Vertical module mounting possible through additional use of Cross Connectors and RAILS
- » Installation on top of the rib ensures best accessibility and greatest possible distance from the water-bearing layer
- » Due to the increased contact area, higher forces can be transferred via the trapezoidal sheet
- » Material: Aluminum, EPDM rubber



With pre-installed EPDM rubber strips (UV resistant)

Item no. 11202-01	EAN 4262355110452	Trapez 5	100 pcs. per PU
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Trapez Adaptor

- » Convenient and time-saving installation from the top
- » Completely pre-assembled
- » Improved rear ventilation
- » Only one tool required: Torx 40
- » Suitable for any profile
- » Allows for installation on barrel roofs



Item no. 11206-01	EAN 4262355112630	Trapez Adaptor	50 pcs. per PU
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Potential Equalization Plate

- » Transfers the potential of the system/modules to the trapezoidal roof (provided that the trapezoidal sheet metal roof is already grounded)
- » Works with Trapez 1-5



Item no. 93201-00	EAN 4262355110261	Potential Equalization Plate	100 pcs. per PU
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Self-Tapping Screws for Trapezoidal Sheet Metal Roofs

- » **Self-tapping screw 5.5 x 20-25, sealing washer Ø 16 mm, Item no. 93155-25**
Drilling capacity steel..... 0,5 mm - 2,0 mm
Drilling capacity aluminum..... 0,5 mm - 2,0 mm
- » **Self-tapping screw 6.0 x 25-25, sealing washer Ø 16 mm, Item no. 93160-25**
Drilling capacity steel..... 0,4 mm - 2,0 mm
Drilling capacity aluminum..... 0,5 mm - 2,0 mm
- » **PREMIUM Self-tapping screw 6.0 x 25, sealing washer Ø 16 mm, Item no. 93161-25**
Drilling capacity steel..... 0,5 mm - 1,5 mm
Drilling capacity aluminum..... 0,4 mm - 2,0 mm



VARIANTS

Item no. 93155-25	EAN 4262355110995	Self-tapping screw 5.5 x 20-25, sealing washer Ø 16 mm for Trapez I - V	100 pcs. per PU
Item no. 93160-25	EAN 4262355111008	Self-tapping screw 6.0 x 25-25, sealing washer Ø 16 mm for Trapez I - V	100 pcs. per PU
Item no. 93161-25	EAN 4262355111640	PREMIUM Self-tapping screw 6.0 x 25, sealing washer Ø 16 mm for Trapez I - V	100 pcs. per PU

Self-Drilling Screw

- » **Self-drilling screw 5.5 x 25, sealing washer Ø 16 mm, Item no. 93155-26**
Drilling capacity steel..... 0,4 mm - 1,5 mm
Drilling capacity aluminum..... 0,4 mm - 5,0 mm



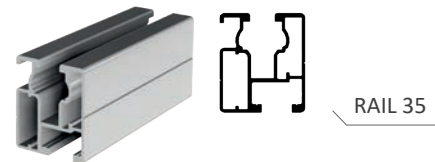
Beware of
metal swarf
on the roof!



Item no. 93155-26	EAN 4262355111015	Self-drilling screw 5.5 x 25, sealing washer Ø 16 mm	100 pcs. per PU
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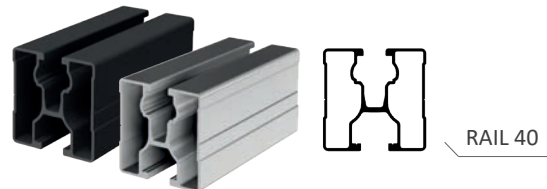
Module Mounting Profiles RAIL 35 - RAIL 60

- » Deep top rail channel accommodates module clamps for frame heights 30 mm - 50 mm
- » Bottom rail channel is optimized to fit all SL Rack rooftop attachments
- » Compatible with popular racking systems on the market
- » Very easy handling and stacking
- » Same weight/static values as comparable products
- » Depending on the rail height, different spans are possible (RAIL 60 and RAIL 120 achieve the largest spacing for roof connections)
- » RAIL 35 is weight-optimized for lower loads
- » Available in various lengths, also in black anodized



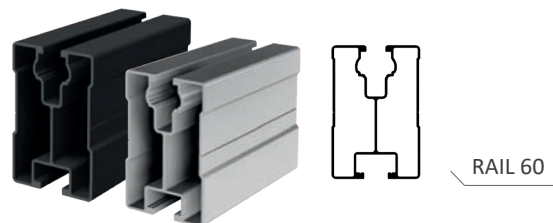
RAIL 35

Item no. 81135-4750	EAN 4262355111831	RAIL 35- 4750 mm	150 pcs. per PU
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RAIL 40

Item no. 81140-2400	EAN 4262355111664	RAIL 40- 2400 mm	150 pcs. per PU
Item no. 81140-3600	EAN 4262355111848	RAIL 40- 3600 mm	150 pcs. per PU
Item no. 81140-4750	EAN 4262355111855	RAIL 40- 4750 mm	150 pcs. per PU
Item no. 86140-4750	EAN 4262355111862	RAIL 40- 4750 mm, black anodized	150 pcs. per PU
Item no. 81140-5850	EAN 4262355111893	RAIL 40- 5850 mm	150 pcs. per PU

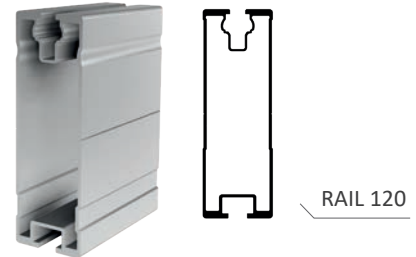


RAIL 60

Item no. 81160-2400	EAN 4262355110087	RAIL 60- 2400 mm	98 pcs. per PU
Item no. 81160-3600	EAN 4262355112029	RAIL 60- 3600 mm	98 pcs. per PU
Item no. 81160-4750	EAN 4262355111879	RAIL 60- 4750 mm	98 pcs. per PU
Item no. 86160-4750	EAN 4262355111886	RAIL 60- 4750 mm, black anodized	98 pcs. per PU

Module Mounting Profile RAIL 120

- » Deep top rail channel accommodates module clamps for frame heights 30 mm - 50 mm
- » Bottom rail channel is optimized to fit all SL Rack rooftop attachments
- » Compatible with popular racking systems on the market
- » Very easy handling and stacking
- » Same weight/static values as comparable products
- » RAIL 120 ensures easy access to plugs and better rear ventilation of the modules

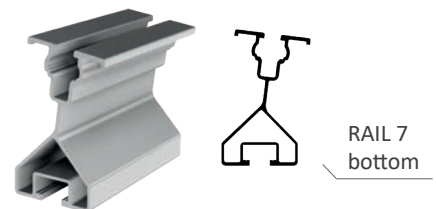


RAIL 120

Item no. 81112-5400	EAN 4262355111299	RAIL 120- 5400 mm	56 pcs. per PU
Item no. 81112-5850	EAN 4262355112937	RAIL 120- 5850 mm	56 pcs. per PU

Module Mounting Profiles RAIL 7

- » Can be combined with the SL Rack roof hooks as well as Trapeze 1 - 5
- » Deep top rail channel accommodates module clamps for frame heights 30 mm - 50 mm
- » Bottom rail channel is optimized to fit all SL Rack rooftop attachments
- » RAIL 7 can lead to yield increases, due to an additional inclination of 7 °



RAIL 7 BOTTOM

Item no. 81107-4750	EAN 4262355112074	RAIL 7 bottom - 4750 mm	84 pcs. per PU
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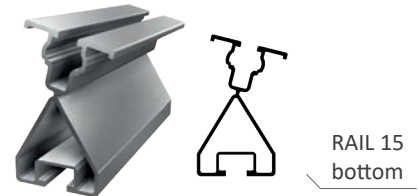


RAIL 7 TOP

Item no. 81106-4750	EAN 4262355112081	RAIL 7 top - 4750 mm	40 pcs. per PU
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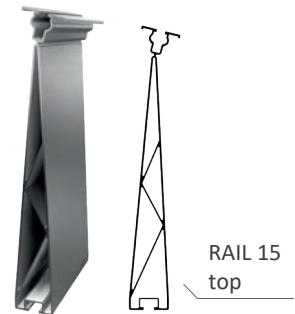
Modul Mounting Profiles RAIL 15

- » Can be combined with the SL Rack roof hooks as well as Trapeze 1 - 5
- » Deep top rail channel accommodates module clamps for frame heights 30 mm - 50 mm
- » Bottom rail channel is optimized to fit all SL Rack rooftop attachments
- » RAIL 15 can lead to yield increases, due to an additional inclination of 15°



RAIL 15 BOTTOM

Item no. 81115-4750	EAN 4262355112098	RAIL 15 bottom - 4750 mm	84 pcs. per PU
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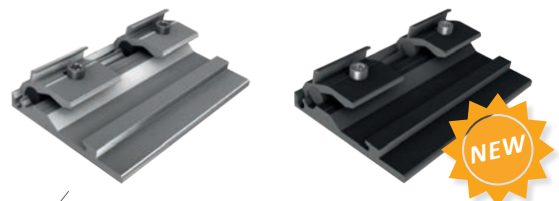
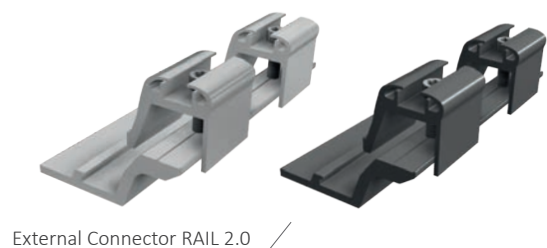


RAIL 15 TOP

Item no. 81114-4750	EAN 4262355112104	RAIL 15 top - 4750 mm	40 pcs. per PU
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External Connector for all RAILS (excl. RAIL 120)

- » Easy and fast connection of profiles
- » Convenient installation from the top
- » Only one tool required: Torx 40
- » Compatible with other profiles on the market
- » Universally applicable for all RAILS (excl. RAIL 120) with the same static values as a continuous rail
- » Due to a height of just 20 mm, the External Connector RAIL 3.0 is ideal for flat structures
- » Also available in black anodized

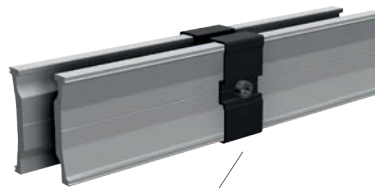


VARIANTS

Item no. 81100-00	EAN 4262355112326	External Connector RAIL 2.0	25 pcs. per PU
Item no. 86100-00	EAN 4262355112333	External Connector RAIL 2.0, black anodized	25 pcs. per PU
Item no. 81110-00	EAN 4262355112906	External Connector RAIL 3.0	40 pcs. per PU
Item no. 86110-00	EAN 4262355112913	External Connector RAIL 3.0, black anodized	40 pcs. per PU

Internal Connector RAIL 2.0

- » Extremely sturdy, for quick and accurate joining of profiles
- » Time-saving, bolts pre-installed
- » Only one tool required: Torx 40
- » For connecting RAILS without possibly interfering external structure



VARIANTS

Item no. 81135-02	EAN 4262355111442	Internal Connector RAIL 2.0 for RAIL 35	50 pcs. per PU
Item no. 81140-02	EAN 4262355110469	Internal Connector RAIL 2.0 for RAIL 40	50 pcs. per PU
Item no. 86140-02	EAN 4262355110476	Internal Connector RAIL 2.0 for RAIL 40, black anodized	50 pcs. per PU
Item no. 81160-02	EAN 4262355110483	Internal Connector RAIL 2.0 for RAIL 60	40 pcs. per PU
Item no. 86160-02	EAN 4262355110490	Internal Connector RAIL 2.0 for RAIL 60, black anodized	40 pcs. per PU
Item no. 81112-02	EAN 4262355111459	Internal Connector RAIL 2.0 for RAIL 120	15 pcs. per PU

End Cap RAIL

- » Integrated holes for drainage
- » Compatible with popular systems on the market

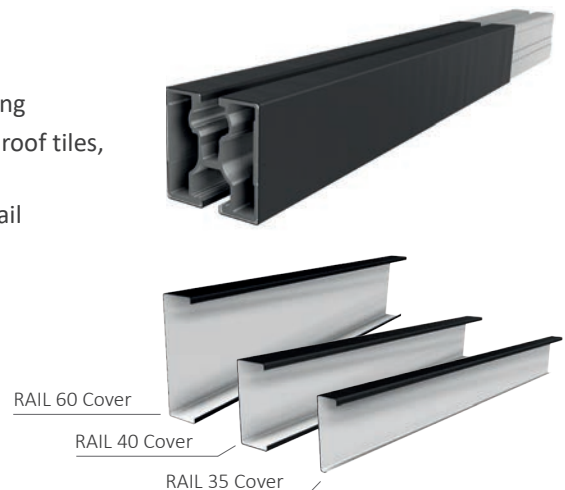


VARIANTS

Item no. 94635-06	EAN 4262355112388	Plastic End Cap RAIL 35, grey	500 pcs. per PU
Item no. 94635-05	EAN 4262355112395	Plastic End Cap RAIL 35, black	500 pcs. per PU
Item no. 94640-06	EAN 4262355110506	Plastic End Cap RAIL 40, grey	500 pcs. per PU
Item no. 94640-05	EAN 4262355110513	Plastic End Cap RAIL 40, black	500 pcs. per PU
Item no. 94660-06	EAN 4262355110520	Plastic End Cap RAIL 60, grey	250 pcs. per PU
Item no. 94660-05	EAN 4262355110537	Plastic End Cap RAIL 60, black	250 pcs. per PU

RAIL Covers

- » Rail covers consist of high-quality anodized aluminum, no discolouring
- » In combination with the black End Caps RAIL, black panels and dark roof tiles, a sleek „all-black look“ is created
- » Quick and easy installation by simply sliding over both sides of the rail
- » No tools required

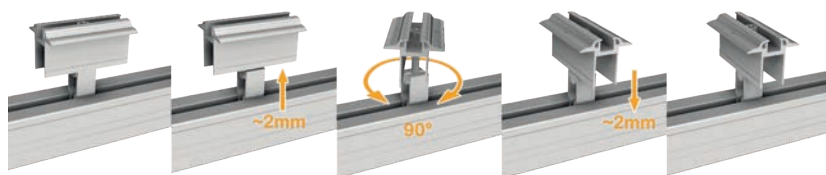


VARIANTS

Item no. 91735-00	EAN 4262355112401	RAIL 35 Cover - 300 mm, black	75 pcs. per PU
Item no. 91740-00	EAN 4262355112234	RAIL 40 Cover - 300 mm, black	150 pcs. per PU
Item no. 91760-00	EAN 4262355112258	RAIL 60 Cover - 300 mm, black	98 pcs. per PU

Mid Clamps and End Clamps Vario

- » Universal mid and end clamp for frame heights 28 mm - 50 mm
- » Vertical or horizontal mounting by simply lifting and turning the clamp 90°
- » Completely pre-assembled; compatible with all RAILS; Optimized warehousing
- » Convenient top-down installation; Only one tool required: Torx 40
- » 70 mm clamp length ensures a safe installation
- » Mid clamp available with or without grounding pin for potential equalization
- » Also available in black anodized
- » **Compatible with Support Plate (item no. 91701-00):**
 - In combination suitable for 28 mm module frame heights



Easy switch between horizontal and vertical: just lift and turn the clamp 90°



Mid clamp Vario with grounding pin for frame heights 28 mm - 50 mm



Mid clamp Vario without grounding pin for frame heights 28 mm - 50 mm



End clamp Vario with grounding pin for frame heights 28 mm - 50 mm



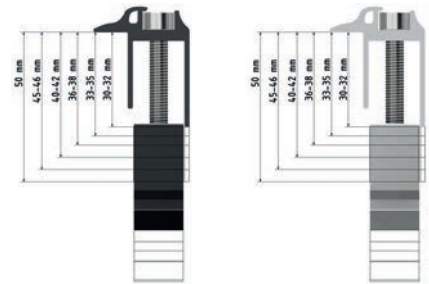
End clamp Vario without grounding pin for frame heights 28 mm - 50 mm

VARIANTS

Item no. 91112-00	EAN 4262355110544	End clamp Vario	100 pcs. per PU
Item no. 96112-00	EAN 4262355110551	End clamp Vario, black anodized	100 pcs. per PU
Item no. 91114-00	EAN 4262355112005	End clamp Vario with grounding	100 pcs. per PU
Item no. 96114-00	EAN 4262355112012	End clamp Vario with grounding, black anodized	100 pcs. per PU
Item no. 91121-01	EAN 4262355110568	Mid clamp Vario with grounding	100 pcs. per PU
Item no. 96141-01	EAN 4262355110575	Mid clamp Vario with grounding, black anodized	100 pcs. per PU
Item no. 91151-01	EAN 4262355110582	Mid clamp Vario	100 pcs. per PU
Item no. 96151-01	EAN 4262355110599	Mid clamp Vario, black anodized	100 pcs. per PU

End Clamp 30-50

- » End clamp for frame heights 30 mm - 50 mm
- » Convenient top-down installation; Only one tool required: Torx 40
- » 70 mm clamp length ensures a safe installation

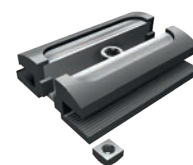


VARIANTEN

Item no. 91113-31	EAN 4262355111510	End clamp 30-32 mm	100 pcs. per PU
Item no. 96113-31	EAN 4262355111527	End clamp 30-32 mm, black anodized	100 pcs. per PU
Item no. 91113-34	EAN 4262355111534	End clamp 33-35 mm	100 pcs. per PU
Item no. 96113-34	EAN 4262355111541	End clamp 33-35 mm, black anodized	100 pcs. per PU
Item no. 91113-37	EAN 4262355111558	End clamp 36-38 mm	100 pcs. per PU
Item no. 96113-37	EAN 4262355111565	End clamp 36-38 mm, black anodized	100 pcs. per PU
Item no. 91113-41	EAN 4262355111572	End clamp 40-42 mm	100 pcs. per PU
Item no. 96113-41	EAN 4262355111589	End clamp 40-42 mm, black anodized	100 pcs. per PU
Item no. 91113-45	EAN 4262355111596	End clamp 45-46 mm	100 pcs. per PU
Item no. 96113-45	EAN 4262355111602	End clamp 45-46 mm, black anodized	100 pcs. per PU
Item no. 91113-50	EAN 4262355111619	End clamp 50 mm	100 pcs. per PU
Item no. 96113-50	EAN 4262355111626	End clamp 50 mm, black anodized	100 pcs. per PU

Laminat Clamps

- » Laminate clamps for frameless thin-film modules with a thickness of 6,8 mm; glass inset 11-15 mm
- » Laminate clamps Vario for frameless thin-film modules with a thickness of 3-14 mm; glass inset 11-15 mm
- » 70 mm clamp length in combination with corrugated EPDM rubber ensures 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



Laminate mid clamp



Laminate end clamp



Laminate mid clamp Vario



Laminate end clamp Vario

VARIANTS

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

Round Seam Clamp **Falz18H**

- » Suitable for round seam roofs Ø 18 mm, suitable for a rail-less, horizontal module installation
- » By adding Cross Connectors, rails can also be used for a vertical module mount
- » Only one tool required: Torx 40
- » Material: Aluminum

Falz18H
for round seams
Ø 18 mm, horizontal
Item no. 11401-01



Item no. 11401-01	EAN 4262355110629	Falz18H for round seams Ø 18 mm, horizontal	50 pcs. per PU
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Seam Clamp **DFalzPro**

- » Suitable for common double-fold standing seam roofs, suitable for a rail-less, horizontal module installation
- » By adding Cross Connectors, rails can also be used for a vertical module mount
- » Titanium zinc sheeting: max. rail length 3-4 m
- » Material: Aluminum

DFalzPro
for standing seams,
horizontal
Item no. 11401-05



Item no. 11401-05	EAN 4262355110643	DFalzPro for standing seams, horizontal	50 pcs. per PU
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Seam Clamp **DFalzCu**

- » For common double-fold standing seam roofs made of copper, suitable for a rail-less, horizontal module installation
- » By adding Cross Connectors, rails can also be used for a vertical module mount
- » Material: Aluminum (top), stainless steel (bottom)

DFalzCu
for copper double-fold
standing seams, horizontal
Item no. 11401-03



Item no. 11401-03	EAN 4262355110650	DFalzCu for copper double-fold standing seams, horizontal	50 pcs. per PU
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Seam Clamp **ROMA RD horizontal**

- » Specially developed for Roma sandwich panels, suitable for a rail-less, horizontal module installation
- » By adding Cross Connectors, rails can also be used for a vertical module mount
- » Material: Aluminum (clamp), stainless steel (hardware)

ROMA RD
for Roma sandwich
panels, horizontal
Item no. 11401-06



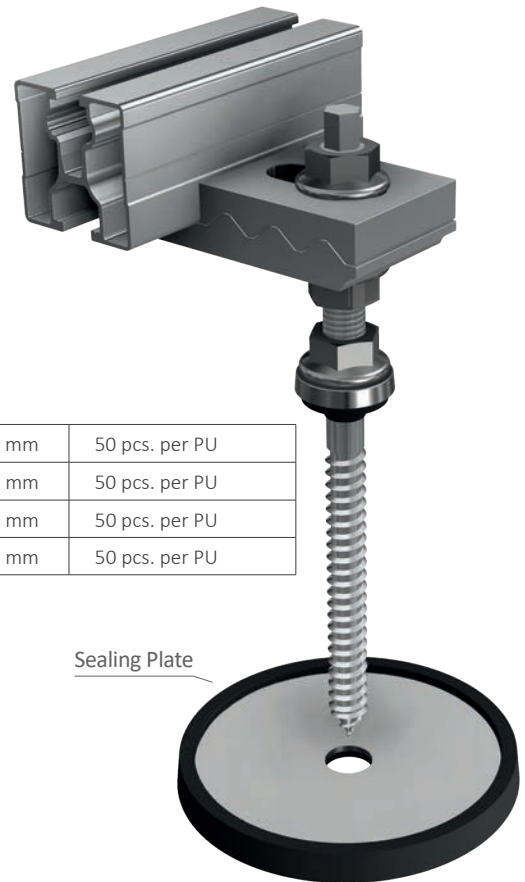
Item no. 11401-06	EAN 4262355112654	ROMA RD for Roma sandwich panels, horizontal	50 pcs. per PU
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SL Hanger Bolt Set 2.0

- » Consists of Hanger Bolt and Hanger Bolt Adaptor (suitable for M10 and M12)
- » Universal mounting of any SL Rack RAIL and rails of direct competitors with a bottom groove of 10,5 mm
- » Water sealing through EPDM rubber
- » Pressure dome provides UV-protection to maintain the sealing function
- » Suitable for wooden constructions

VARIANTS

Item no. 23310-210	EAN 4262355112869	SL Hanger Bolt Set 2.0 M10 x 200 mm	50 pcs. per PU
Item no. 23310-310	EAN 4262355112876	SL Hanger Bolt Set 2.0 M10 x 300 mm	50 pcs. per PU
Item no. 23312-210	EAN 4262355112883	SL Hanger Bolt Set 2.0 M12 x 200 mm	50 pcs. per PU
Item no. 23312-310	EAN 4262355112890	SL Hanger Bolt Set 2.0 M12 x 300 mm	50 pcs. per PU



OPTIONAL ACCESSORIES

Sealing Plate

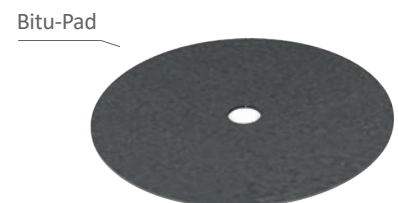
- » Ensures a balanced load distribution
- » Excellent sealing performance for metal roofs
- » For bitumen (shingle) roofs the addition of Bitu-Pad is recommended

Item no. 23201-00	EAN 4262355110704	Sealing Plate	100 pcs. per PU
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OPTIONAL ACCESSORIES

Bitu-Pad

- » Provides an additional layer of sealing for bitumen (shingle) roofs
- » Self-adhesive



Item no. 23201-03	EAN 4262355110711	Bitu-Pad	100 pcs. per PU
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Hanger Bolt Adaptor 2.0

- » Universal mounting of any SL Rack RAIL and rails of direct competitors with a bottom groove of 10,5 mm
- » Upper and lower mounting attachments with ribbed profile for high fitting accuracy and stability
- » Suitable for hanger bolts M10 and M12



Item no. 11302-12	EAN 4262355112586	Hanger Bolt Adaptor 2.0 M12	100 pcs. per PU
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Cross Connector

- » Quick and easy 90° cross connection to RAIL 35, 40, 60, 120 and RAIL 7
- » Convenient and time-saving installation from the top
- » Only one tool required: Torx 40
- » Easy to release and reposition
- » Suitable to connect to a lightning protection system

Additional functions of the Cross Connector 2.0 (item no. 91204-00):

- » Extremely low design, only 20 mm high
- » Easy handling
- » Convenient attachment to the rail
- » Works with all RAILS as well as rails of the facade systems



VARIANTS

Item no. 91202-00	EAN 4262355110735	Cross Connector	100 pcs. per PU
Item no. 91204-00	EAN 4262355112517	Cross Connector 2.0	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 a M10 bolt
- » M10 screw is pressed into the Universal RAIL Adaptor
- » No counter-pressure necessary when tightening the nut
- » M10 nut included



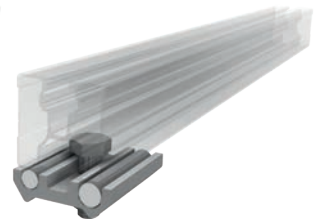
Item no. 11110-00	EAN 4262355111435	Universal RAIL Adaptor, incl. nut M10	200 pcs. per PU
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Lightning Protection Clamp

- » Fits all RAIL profiles
- » Item no. 91518-00: convenient installation from the top
- » Only one tool required: Torx 40
- » 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 nut and bolt

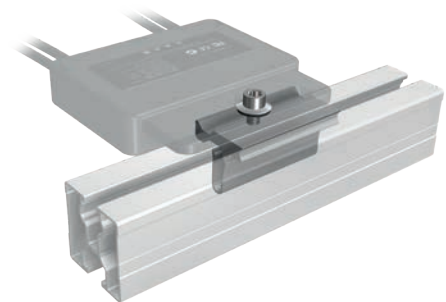
VARIANTS

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

Inverter/Optimizer Clamp

Adaptor for fast and secure installation of microinverters or optimizers on any RAIL and for any PV panel.

- » Quick and easy fastening to the rail channel by click-in
- » Can be repositioned or deinstalled anytime
- » Simple and time-saving installation
- » For SolarEdge, Huawei, Enphase, Tigo, BRC, Sungrow etc.



Item no. 11601-00	EAN 4262355112296	Inverter/Optimizer Clamp	150 pcs. per PU
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Potential Equalization Clamp for RAIL

- » Fits into any RAIL
- » Grounding from 10² - 25² with just one clamp
- » Convenient installation from the top
- » Only one tool required: Torx 40
- » Material: Stainless steel (clamp, screw)



Item no. 91545-00	EAN 4262355112616	Potential Equalization Clamp for RAIL	250 pcs. per PU
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Special Edition Chestnut Brown

Our 5 basic components, RAILS, roof hooks 3D SL Alu, mid clamp Vario, end clamp Vario and the internal connector RAIL 2.0 in chestnut brown.

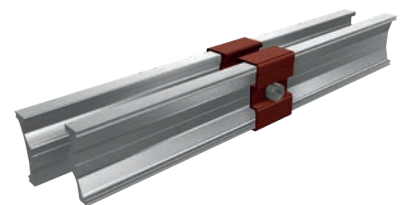
- » Visual adaptation of the racking in accordance with legal requirements, such as heritage protection, which stipulates an overall uniform appearance of the PV system and the racking.
- » Additional colors upon request

RAIL 40



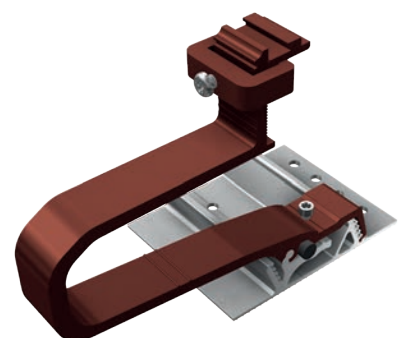
Item no. 87140-2400	EAN 4262355112449	RAIL 40- 2400 mm, Chestnut Brown RAL 8015	150 pcs. per PU
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Internal Connector RAIL 2.0 for RAIL 40



Item no. 87140-02	EAN 4262355112456	Internal Connector RAIL 2.0 for RAIL 40, Chestnut Brown RAL 8015	50 pcs. per PU
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Roof hook 3D SL Alu L



Item no. 17100-01	EAN 4262355112463	Roof Hook 3D SL Alu L (long), Chestnut Brown RAL 8015	10 pcs. per PU
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Mid Clamp Vario without Grounding



Item no. 97151-01	EAN 4262355112470	Mid clamp Vario without grounding, Chestnut Brown RAL 8015	100 pcs. per PU
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End Clamp Vario without Grounding



Item no. 97112-00	EAN 4262355112487	End clamp Vario without grounding, Chestnut Brown RAL 8015	100 pcs. per PU
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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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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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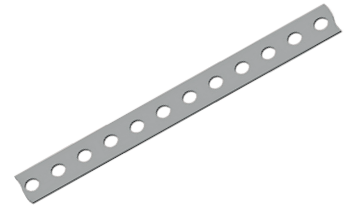
Hexagon Bolt



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

- » Perforated aluminum tape for grounding, 27 x 1,4 mm, Ø 6,75 mm
- » 50 m roll, hole distance 40 mm



Item no. 91827-50	EAN 4262355110834	Perforated aluminum tape for grounding - 50 m	10 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 reusability 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 deinstalled for later reuse
- » 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



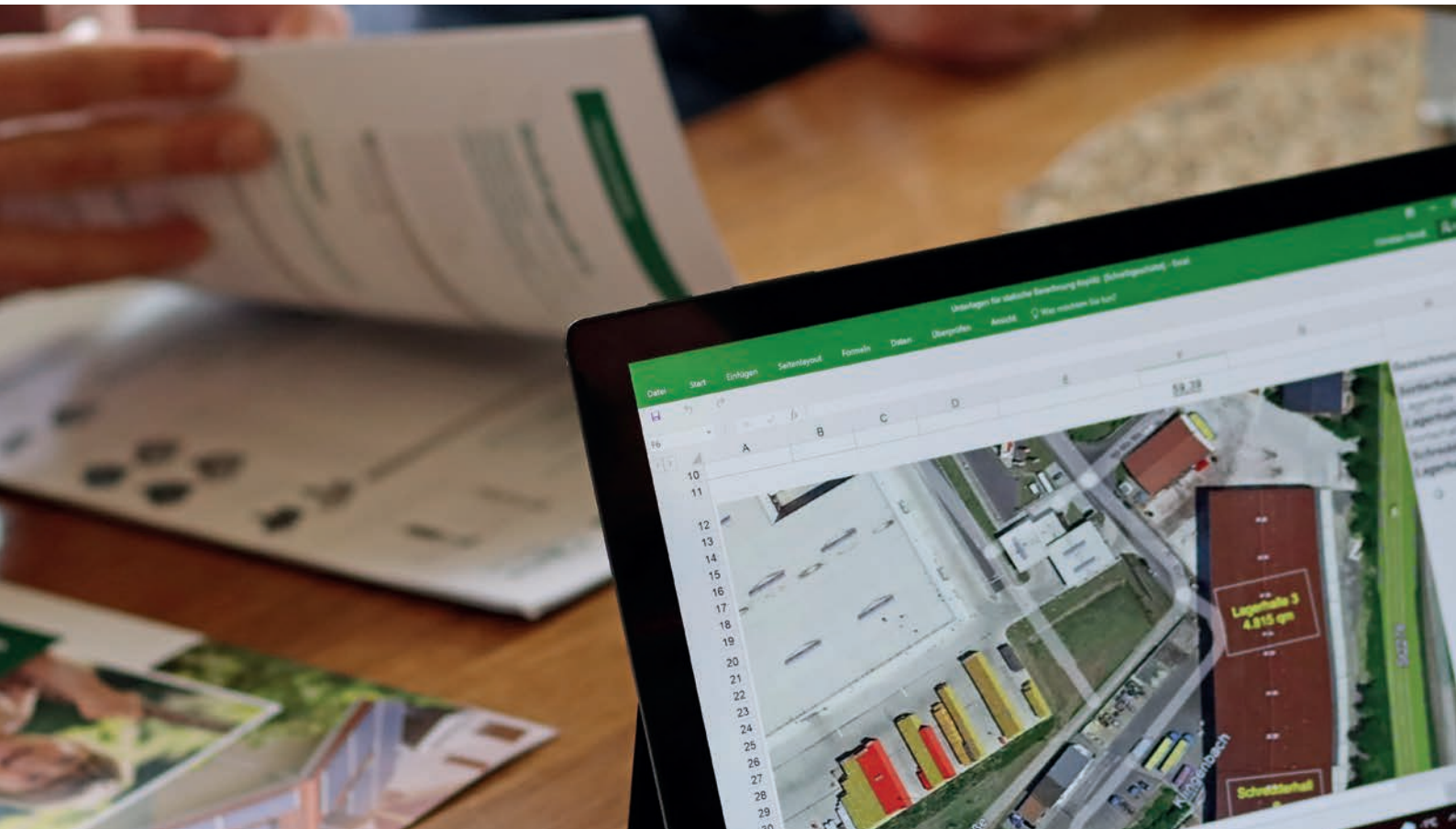
Item no. 91402-00	EAN 4262355110827	Cable Clip RAIL, matt black	100 pcs. per PU
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Wood Screw Flange Head



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



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