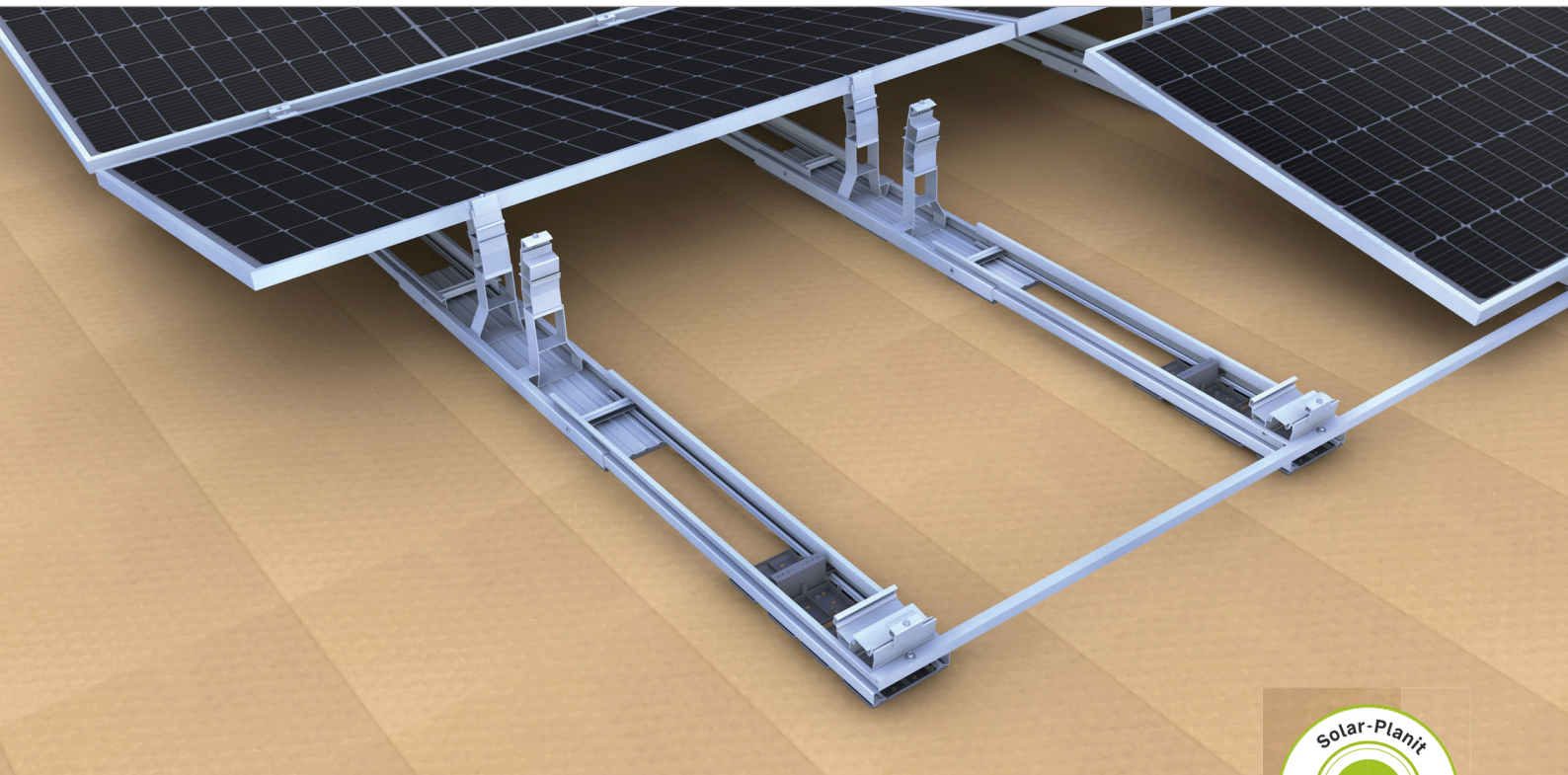
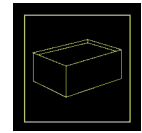


Flat roof | East-West-System III Long side

Clamping on the long frame side of the modules for maximum loads



Powerful performance and strong in all weather conditions

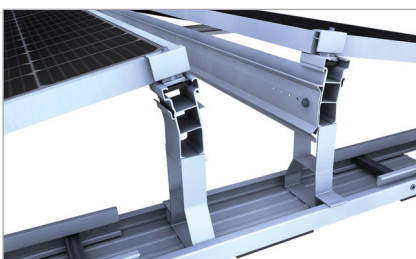
- Maximum utilisation of the roof surface and evenly distributed electricity production
- Efficient use of space thanks to 10° module inclination and landscape installation
- cross connections at module field edges for high stability

Product variants

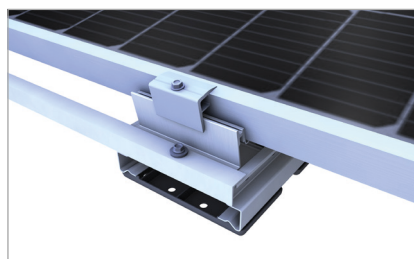
- Many optional components e.g. cable channels, ballast troughs and ballast cantilevers

YOUR BENEFITS

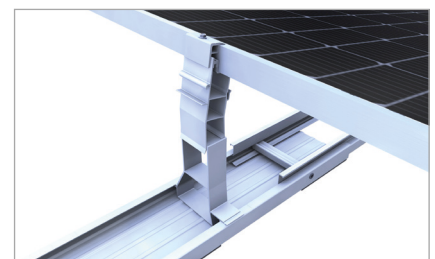
- Clamping of the module in the optimum area of the long frame side for maximum wind and snow loads, especially with large modules
- Low logistical effort and optimal handling thanks to short components
- Simple and quick installation due to high degree of pre-fabrication and tool-free click system
- Wind tunnel tested aerodynamics



Click mechanism for toolless connection



Module field edge with end clamp, base foot and support brace



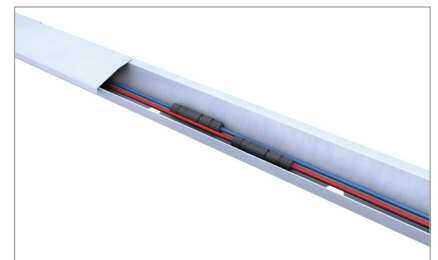
Base element with click-fit module supports

Flat roof III | east-west-System III

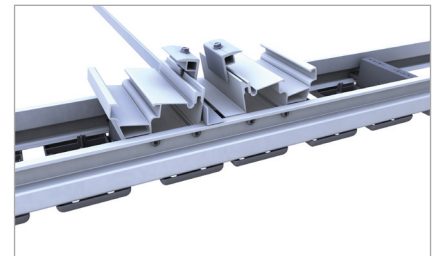


Pic Designation

- 1** Base element east-west
 - toolless clickfit of module supports
 - toolless mounting of connector and edge closure sets
- 2** Connector set east-west
 - for connection of two base elements east-west
 - with integrated (pre-assembled) base feet
- 3** Edge closure set
 - for closures at module field edges
 - with integrated (pre-assembled) base foot
- 4** Module support 10° long side
 - toolless clickfit into the base element
 - with integrated holder for cable channel and mountingset optimizer FR
- 5** Support brace for load transfer
 - attached to the base feet in the module field edge
 - Attachment of additional support brace only in every second row of module fields
- 6** Module bracket-Set E
 - Only one clamp for module frames 30-42 mm
 - Easy to install thanks to pre-drilled hole in base foot/support



Cable channel can take cables and plugs



Mounting the support brace on the base foot

Montagevideo

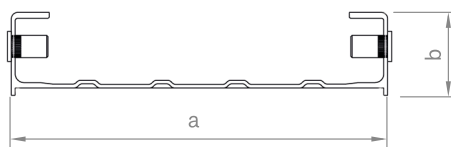
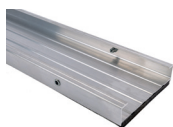


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Subject to changes and errors excepted.
Last updated: April 2024 / TP

Flat roof III: Single items

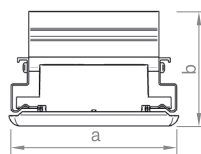
Base element east-west



Base element for flat roof system III e/w for click-fit of the module supports and connection of connector and edge closure sets. Compatible for module widths 995-1070mm or module widths 1071-1145mm

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001536	Base element e/w 690mm	150	40		Alu / A2SS / PE
03-001537	Base element e/w 840mm	150	40		Alu / A2SS / PE

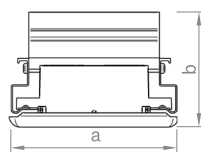
Connector set east-west



Connector set e/w for flat roof system III with integrated base feet as front module support in installation middle areas.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001533	Connector set e/w 1940mm	147	101		Alu / A2SS / PP

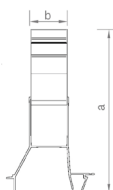
Edge closure set



Edge closure set for flat roof system III with integrated base foot as front module support at installation edges.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001532	Edge closure set 970mm	147	101		Alu / A2SS / PP

Module support

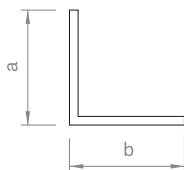


Rear module support for flat roof system III, to clip into the base element and to connect the crossbar and/or cable channel module support.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001550	Module support 10°	289	60		Alu

Flat roof III: Single items

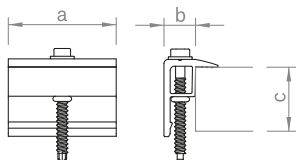
Support brace



Support brace for load transfer, fixed on the edge closure sets of flat roof system III.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001680	Support brace 20x20x1.5 2.00m	20	20		Alu
03-001530	Support brace 20x20x1.5 2.40m	20	20		Alu

Mounting long side



End clamp for fixing modules on the long side of the frame. Clamping screw external hexagon SW 8, completely pre-assembled.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-000396	Mounting-set E 30-42	52	14	30-42	Alu/V2A
03-000397	Mounting-set E 43-52	52	14	43-52	Alu/V2A

Mounting-set optimizer FR

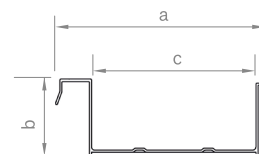
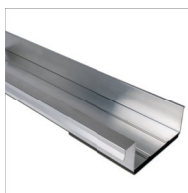


For attaching a module optimiser to the flat roof supports (flat roof II, flat roof III).

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-000337	Mounting-set optimizer FR				Alu/V2A

Flat roof III: Optional components

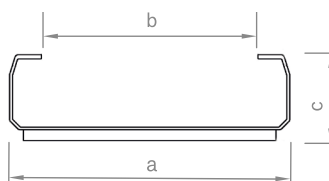
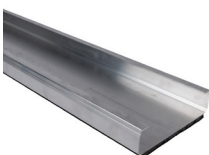
Ballast trough



Ballast trough for flat roof system III to clip into the connector and/or edge closure sets for secure placement of large format ballast.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001681	Ballast trough 530mm	151	63	120	Alu / PE

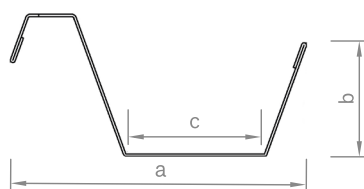
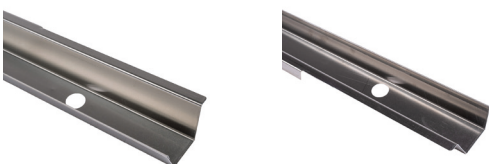
Ballast cantilever



Ballast cantilever for flat roof system III to redistribute ballast at installation edges. Usable length 500mm and 1000mm.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001541	Ballast cantilever 650mm	155	120	47	Alu / PE
03-001542	Ballast cantilever 1150mm	155	120	47	Alu / PE

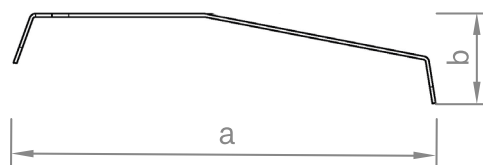
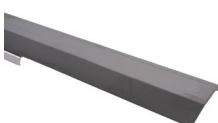
Cabel channel



Cable channel for flat roof system III to be connected to the base elements and to lay cables lengthwise and connected to the module supports and to lay cables crosswise.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001569	Cable channel base element 1250mm	73	28	33	Alu
03-001544	Cable channel module support 2.00m	73	28	33	Alu
03-001686	Cable channel module support 2.40m	73	28	33	Alu

Cover cable channel



Cover for the cable channels of flat roof system III to protect the cables from UV radiation and weather conditions.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001591	Cover cable channel 1250mm	77	16		Alu

Flat roof III: Optional components

Surface extension



Surface extension for flat roof system III to increase the load introduction surface.

Item no.	Designation	a in mm	b in mm	c in mm	Material
03-001632	Surface extension 180x150mm	180	150	55	PP