

SCHLETTER

PRODUCT CATALOG

ROOFTOP 2024/2

EN

LEGAL NOTICE

SCHLETTER SOLAR GMBH
Alustraße 1
83527 Kirchdorf
Germany

Contact
+49 8072 / 9191 0
info@schletter-group.com

Management:
Florian Roos, Dr. Cedrik Zapfe, Martin Lipp, Ralf Maus

Register court: Traunstein | Register number: HRB 27110
Tax identification no.: DE318739607

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WE WANT THE WORLD TO BE BETTER OFF WITH SCHLETTER IN IT.

For a long time, we've felt that companies should be doing more than just selling products. They should be held accountable for their decisions and actions, and take seriously their responsibilities regarding the environment, their employees, and their impact on wider society.

So, after months of hard work and introspection, we're proud to finally share our CSR story so far in a way that truly reflects who we are—not just as a

leading manufacturer of solar mounting systems, but as a globalized, diverse team of purpose-driven individuals working to create a fairer, cleaner, and more sustainable world.

Scan the QR code below to download your copy and see exactly what we've done, are doing, and plan to do for people and planet alike.



**>28.3 MILLION
TONS CO₂**

SAVED BY PV INSTALLATIONS
ON OUR MOUNTING SYSTEMS
PER YEAR

Source for conversion formula: German
Federal Environmental Agency and
Solarcluster BW



BRONZE | Top 35%

ecovadis

Sustainability Rating

JUN 2024



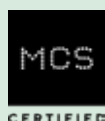
UNCOMPROMISING QUALITY.

SCHLETTER PRODUCTS ARE DESIGNED TO WITHSTAND ALL WEATHER CONDITIONS.

For the past few decades, we've dedicated ourselves to continually improving the durability, safety, sustainability, and overall quality of our solar mounting systems.

Our quality control process is painstaking, meticulous, and uncompromising, and we use only the highest-quality steel and aluminum.

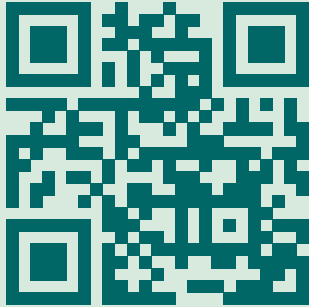
Specifically designed to combat inclement weather on any terrain, our mounting structures can withstand the harshest conditions—including storm-strength winds, torrential rain, excessive snow-loads, sandstorms, and even earthquakes—for 25 years or more.



GENERAL INFORMATION

INFORMATION MATERIAL

You can always find up-to-date brochures, product sheets, and assembly instructions in our download area.



WWW.SCHLETTER-GROUP.COM



PLANNING AID

Configuration and static dimensioning via the Schletter Configurator

TOLERANCES

Production-specific tolerances are to be considered with all dimension specifications.

GLOBAL DISTRIBUTION NETWORK

On customer request, all companies in the Schletter Group can obtain goods from other branches.

STATICS

Structural calculation according to the current country-specific standards (in Germany EN 1991, EC1). Structural analysis supplement for the dimensioning of the number of required fastening points, based on the structural analysis. Please always observe the structural analysis information.

The verification of the supporting force of the roof to the substructure is not included in the general structural analysis appendices.

MATERIALS USED

- + **Roof hooks and their main components:**
High-strength steel with zinc flake coating,
Stainless steel 1.4301 or aluminum EN AW 6063
- + **Bolts:**
Zinc plated, stainless steel A2 or better
- + **Steel sheet components:**
Stainless steel 1.4301 or aluminum EN AW 6063
- + **Rails:**
Aluminum EN AW 6063
- + **Module clamps:**
Aluminum EN AW 6063
- + **Sealing rubber:**
EPDM (UV resistant)

Deviating materials are described with the individual items.

SCHLETTER SERIES DESIGNATION

At a glance, you can see which item fits which system. Of course, our expert technicians will be at your disposal should you have any questions in this regard.



COMPATIBLE WITH OUR CLASSIC SERIES



COMPATIBLE WITH OUR PROLINE SERIES



PITCHED ROOF FASTENERS

- + ROOF HOOKS
- + ROOF HOOK KITS AND SHEET METAL SHINGLES
- + SHEET METAL SEAM CLAMPS
- + DIRECT FASTENINGS
- + ADAPTER ON STEEL SUBSTRUCTURE
- + HANGER BOLTS ON WOOD SUBSTRUCTURE
- + SPECIAL FASTENERS



TILE ROOF

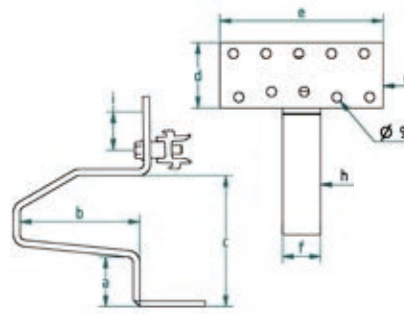
STAINLESS STEEL ROOF HOOK

RAPID ROOF HOOK

Pre-assembled multi-adapter for a quick rail mounting



- + Roof hook material: stainless steel
- + Welded
- + Symmetrical bar arrangement
- + Compatible with Classic and ProLine rails



g = Mounting plate material thickness
h = Bar material thickness

101001-020 Rapid2+ Pro 45 roof hooks

	a	b	c	d	e	f	g	h	i	
mm	45	110	118	60	150	35	5	6	30	PU: 20



101002-020 Rapid2+ Pro 35 roof hooks

	a	b	c	d	e	f	g	h	i	
mm	35	110	108	60	150	35	5	6	30	PU: 20



101004-020 Rapid2+ Pro Universal roof hooks

	a	b	c	d	e	f	g	h	i	
mm	40-52	110	115-127	74	150	35	5	6	30	PU: 10

Adjustable for vertical rail mounting and center bar. Can be used in three positions



101005-020 Rapid2+ Pro Max roof hooks

	a	b	c	d	e	f	g	h	i	
mm	45	120	125	80	150	35	6	8	30	PU: 10

Extra strong bar for heavy snow loads



101005-021 Rapid2+ Pro Max 150 roof hooks

	a	b	c	d	e	f	g	h	i	
mm	45	150	125	80	150	35	6	8	30	PU: 10

Extra strong and large bar for long shingles overlap



101006-020 Rapid2+ Pro MaxV roof hooks

	a	b	c	d	e	f	g	h	i	
mm	45	120	125	80	150	35	6	8	30	PU: 10

For heavy snow loads and adjustable for vertical rail mounting



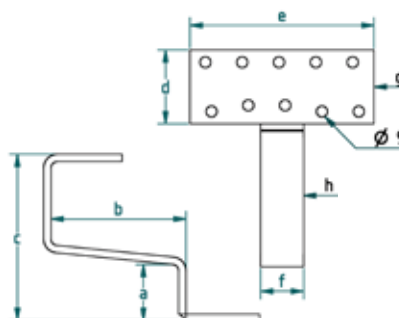


ECO ROOF HOOK

Roof hook with simple design



- + Roof hook material: stainless steel
- + Welded
- + Symmetrical bar arrangement



g = Mounting plate material thickness
h = Bar material thickness

100004-000 Eco S 135 roof hook

	a	b	c	d	e	f	g	h	
mm	45	110	135	60	150	35	5	6	PU: 20

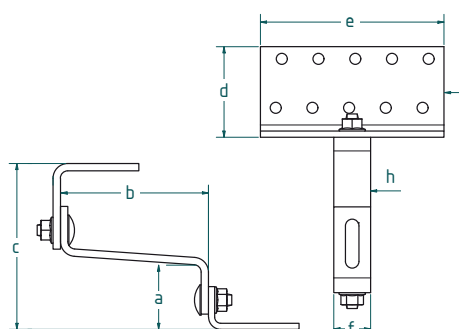


ECO UNIVERSAL ROOF HOOK

Arm height and bar arrangement variable



- + Roof hook material: stainless steel
- + Pre-assembled center bar
- + Adjustable arm height
- + Center bar can be used in three positions



100001-000 Universal roof hooks (Frankfurt pantile or interlocking shingles)

	a	b	c	d	e	f	g	h	
mm	42-52	115	102-135	74	150	30	5	6	PU: 20



TILE ROOF

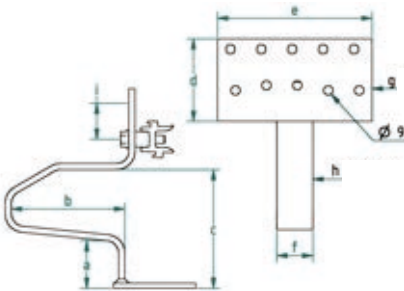
ROOF HOOKS MADE OF HIGH-STRENGTH STEEL

HSL ROOF HOOK

Especially for heavy snow loads



- + Roof hook material: high-strength steel
- + Zinc flake surface coating
- + Welded
- + Symmetrical bar arrangement
- + Pre-assembled multi-adapter included



g = Mounting plate material thickness
h = Bar material thickness

101001-022 Rapid2+ Pro 45 HSL roof hooks										
	a	b	c	d	e	f	g	h	i	
mm	45	110	115	80	150	35	5	6	30	PU: 20



101005-024 Rapid2+ Pro Max HSL roof hooks										
	a	b	c	d	e	f	g	h	i	
mm	45	132	114	80	150	35	6	8	30	PU: 10



TILE ROOF

ROOF HOOKS MADE OF ALUMINUM

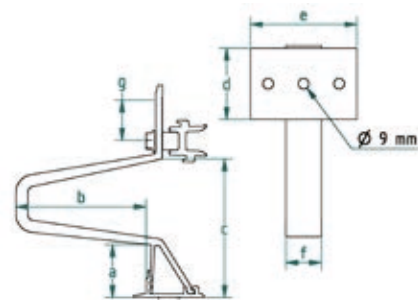


ALU ROOF HOOK

Light, stable, quick to assemble



- + Roof hook material: aluminum
- + Bar can be clicked into place on mounting plate
- + Mountable with only one bolt



100020-100 EcoA 45 Max roof hooks

	a	b	c	d	e	f	
mm	45	110	116	60	100	30	PU: 20



101020-220 RapidA 35 Pro Max roof hooks

	a	b	c	d	e	f	g	
mm	35	110	107	60	100	30	30	PU: 30

With pre-assembled multi-adapter



101020-120 RapidA Pro 45 Max roof hooks

	a	b	c	d	e	f	g	
mm	45	110	116	60	100	30	30	PU: 30

With pre-assembled multi-adapter



101024-120 RapidA 45 Pro Universal Max roof hooks

	a	b	c	d	e	f	g	
mm	45	110	116	60	100	30	30	PU: 20

Adjustable for vertical rail mounting
Pre-assembled multi-adapter included



TILE ROOF

ROOF HOOK KITS AND SHEET METAL SHINGLES

ALU TILE ROOF HOOK KIT

Kit + sheet metal shingle replace a complete roof tile with roof hook



- + Material: roof hooks in aluminum, EPDM bolt seal, load support in plastic with A2 stainless-steel bolt
- + Suitable for heavy snow loads
- + Consists of roof hook, bolt seals, and load support
- + Suitable for vertical and horizontal rail arrangements

103006-020 Alu-Tile Pro roof hook set

PU: 10

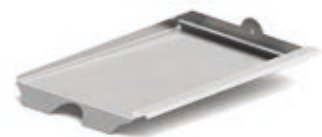


SHEET METAL SHINGLE

Shingle	Item No.	PU: 10
BRAAS		
Frankfurt pantile	103005-003	
Taunus pantile	103005-011	
Harz pantile	103005-022	
Tegalit	103005-025	
Topas 13V	103005-067	
ERLUS		
Interlocking tile	103005-002	
Large interlocking tile	103005-007	
Large interlocking tile XXL	103005-010	
E 58 (not for E 58 S / SL / RS / Max / Plus ...)	103005-015	
Forma	103005-024	
Linea	103005-049	
Reform pantile XXL	103005-057	
ETERNIT		
Heidelberger	103005-006	
TON ROOF		
Recess***	103005-047	
Sulm VZ ***	103005-060	
Fidelio ***	103005-080	
Figaro ***	103005-083	
CREATON (FORMERLY MEINDL)		
Rustico	103005-004	
Harmonie ***	103005-060	
Domino ***	103005-063	
Meindl MZ3	103005-184	
Meindl MZ3 Dorfen NEW **	103005-112	

** Item will be discontinued. Available while stocks last.

*** Only on order, no stock item.



TILE ROOF

BEAVER TAIL ROOF HOOK KIT AND SHEET METAL SHINGLES



BEAVER TAIL ROOF HOOK KIT

Kit + sheet metal shingle replace a complete beaver tail shingle with roof hook



- + Material: roof hooks in aluminum or stainless steel, EPDM bolt seal, load support in plastic with A2 stainless-steel bolt

109019-020 Roof hooks for Rapid Pro aluminum beaver tail PU: 20									
	a	b	c	d	e	f	g	h	i
mm	-	228	-	-	48	35	-	7	30



109016-007	BEZ Rapid beaver tail AL 180 x 380	PU: 20
109016-009	BEZ Rapid beaver tail AL 170 x 380	PU: 20



109019-022 Roof hooks for Rapid Pro beaver tail 190 x 400 PU: 20									
	a	b	c	d	e	f	g	h	i
mm	-	250	-	-	50	35	-	6	30



109016-010	BEZ Rapid beaver tail AL 190 x 400	PU: 20
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109019-021 Roof hooks for Rapid Pro beaver tail PU: 20									
	a	b	c	d	e	f	g	h	i
mm	-	232	-	-	50	35	-	6	30



109016-008	BEZ Rapid beaver tail Cu 180 x 380	PU: 20
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TILE ROOF

ROOF HOOKS SPECIAL DESIGNS

ROOF HOOKS FOR HANGING AT THE ROOF BATTENS



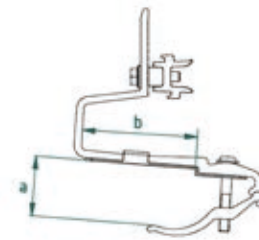
- + Material: roof hook in aluminum
- + Fast mounting by clamping to the roof battens
- + Protection of the shingles thanks to pre-mounted EPDM molding

109019-025* Pro-N roof hooks

PU: 30

	a	b	c	d	e	f	g	h	i
mm	35-60	90	-	-	-	30	-	-	30

PLEASE NOTE: The Pro-N roof hooks are currently available in the Netherlands, Belgium, France, and the UK.



ROOF HOOK FOR ROOF WITH INSULATION ROOF ELEMENTS

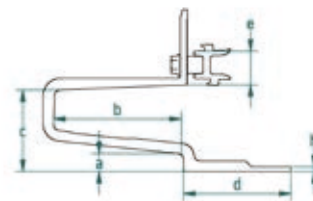


- + Material: roof hooks in Aluminum

101028--020 RapidA Pro 2L roof hooks

PU: 30

	a	b	c	d	e	f	g	h	i
mm	15	110	70	92	30	30	-	4	30



ROOF HOOKS FOR SLATE ROOFS



- + Material: roof hooks in aluminum, overlay made of PE soft foam (UV-resistant)
- + Suitable for many shingle types
- + Roof panel with flexible corrugated strip
- + Direct load on rafters
- + For slate covers of up to 125 mm

109019-024 Rapid2+ Pro Slate125 roof hooks

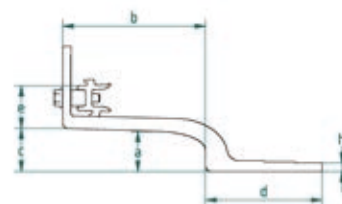
PU: 20

	a	b	c	d	e	f	g	h	i
mm	28	135	41	110	41	35	-	8	30



109017-010 Shingle for roof hook Rapid2+ Pro Slate125

PU: 20



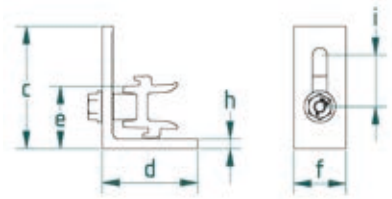


RAPID PRO L

Angled, height-adjustable connection



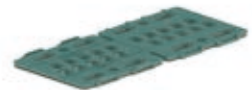
- + Material: aluminum angle
- + Multiple connection options, e.g. on sheet metal shingle



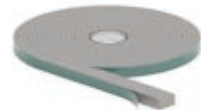
119026-122 Rapid Pro L									PU: 100
	a	b	c	d	e	f	g	h	i
mm	-	-	70	55	36	30	-	5.5	29



973000-075 Shim roof hook 2.5/5 mm	PU: 100
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973000-683 Roof hook sealing tape gray TP600 10 m	PU: 15
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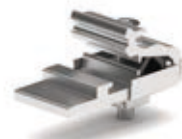
109008-003 RapFix – extension for Eco roof hooks	PU: 50
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For Eco roof hook with elongated hole



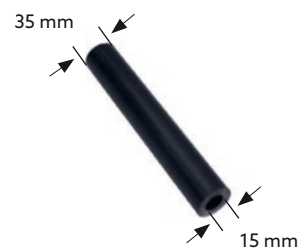
109008-023 RapFix Pro – extension for Eco roof hooks	PU: 50
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For Eco roof hook with elongated hole



925120-002 Spacer sleeve, plastic, 1 m
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As a spacer sleeve for rafter insulation in conjunction with extra long fastening bolts
Plastic version prevents cold bridges
Cut to desired length



109010-000 Additional bracket Iso07	PU: 20
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For the relief bolt for rafter insulation



STANDING SEAM ROOF

SHEET METAL SEAM CLAMPS

SHEET METAL SEAM CLAMPS CLASSIC

For direct fastening at the standing seam



- + Material: aluminum or stainless steel
(seam clamp 503 VA and 525 VA)

112001-000 Seam clamp 503 VA for standing seam roof

PU: 50

Compatible with Classic and ProLine



112001-005 Seam clamp 503 Rapid for standing seam roof

PU: 50



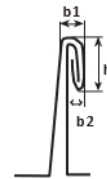
112001-010 Seam clamp 504 for standing seam roof

PU: 50

Especially suitable for double standing seam roofs made of titanium zinc sheets

Possible dimensions of the border fold (dimension drawing)
h = 11 - 13 mm, b1 = 4 - 6 mm, b2 = max. 3 mm

The 504 seam clamp was developed together with the supplier Rheinzink for use on double standing seam roofs made of titanium zinc sheets.



112002-003 Seam clamp 510 Rapid

PU: 50

Suitable for round seam roofs by Kalzip®, Bemo®, etc.



112003-003 Seam clamp 520 Rapid

PU: 50

Suitable for Zambelli RibRoof® 465, etc.



*All trademarks mentioned herein are the property of the respective owners.



PLEASE NOTE: The tightening torque must be limited in such a way that the sheet metal seam does not become distorted and the thermal expansion of the sheets is not prevented. Limit the rail length to 3 m, especially for titan zinc sheets.

NOTE: The compatibility and installability on existing roofs as well as their load-bearing capacity must be checked on site. Material compatibility between components must also be considered

112004-002 Seam clamp 522 Rapid

PU: 50

Suitable for Zambelli RibRoof* 500, etc.



112006-002 Seam clamp 524 Rapid

PU: 50

Suitable for Fischer KlipTec*, etc.



112007-000 Seam clamp 525 VA

PU: 50

Suitable for Domitec*, etc.
Compatible with Classic and ProLine



ATTACHMENTS FOR SEAM CLAMPS CLASSIC

For the acceptance of module support rails



+ Material: aluminum connector

129063-000 Rapid cross connector

PU: 200

Completely pre-assembled for Klicknut M8



109008-004 RapFix - Extension flat

PU: 50

For seam clamps of other supplier



STANDING SEAM ROOF

SHEET METAL SEAM CLAMPS

SHEET METAL SEAM CLAMPS PRO

For direct fastening at the standing seam



- + Material: aluminum or stainless steel (seam clamp 503 VA and 525 VA)

112001-000 Seam clamp 503 VA for standing seam roof

PU: 50

Compatible with Classic and ProLine



112001-105 Seam clamp Pro 503 for standing seam roof

PU: 50

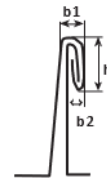


112001-110 Seam clamp Pro 504 for standing seam roof

PU: 50

Especially suitable for double standing seam roofs made of titanium zinc sheets

Possible dimensions of the border fold (dimension drawing)
 $h = 11 - 13 \text{ mm}$, $b1 = 4 - 6 \text{ mm}$, $b2 = \text{max. } 3 \text{ mm}$



The 504 seam clamp was developed together with the supplier Rheinzink for use on double standing seam roofs made of titanium zinc sheets.



112001-210 Seam clamp Pro 504

PU: 50

Suitable for double standing seam roofs. This design is typically installed in France

Possible dimensions of the border fold (dimension drawing)
 $h = 10 - 12 \text{ mm}$, $b1 = 4 - 6 \text{ mm}$, $b2 = \text{max. } 3 \text{ mm}$



112002-103 Seam clamp Pro 510

PU: 50

Suitable for round seam roofs by Kalzip*, Bemo*, etc.



112003-103 Seam clamp Pro 520

PU: 50

Suitable for Zambelli RibRoof* 465, etc.



*All trademarks mentioned herein are the property of the respective owners.



PLEASE NOTE: The tightening torque must be limited in such a way that the sheet metal seam does not become distorted and the thermal expansion of the sheets is not prevented. Limit the rail length to 3 m, especially for titan zinc sheets.

NOTE: The compatibility and installability on existing roofs as well as their load-bearing capacity must be checked on site. Material compatibility between components must also be considered.

112004-102 Seam clamp Pro 522 PU: 50

Suitable for Zambelli RibRoof* 500, etc.

112006-102 Seam clamp Pro 524 PU: 50

Suitable for Fischer KlipTec*, etc.

112007-000 Seam clamp 525 VA PU: 50

Suitable for Domitec*, etc.
Compatible with Classic and ProLine

112012-112 Seam clamp Pro 562 Universal PU: 50



ATTACHMENTS FOR SEAM CLAMPS PRO

For the acceptance of module support rails



+ Material: aluminum connector

129063-002 RapidConnect90 PU: 100

or

129063-020 Rapid cross connector 90 Pro PU: 150

Completely pre-assembled for ProLine channel

109008-024 RapFix Pro – Extension flat PU: 50

For seam clamps of other supplier



TRAPEZOIDAL SHEET & SANDWICH ROOF

DIRECT FASTENINGS

SINGLEFIX

Fastening for steel and aluminum metal sheet starting at 0.5 mm



+ Material: stainless steel and EPDM rubber

113009-003 SingleFix Pro

PU: 100

For corrugation heights starting at 22 mm
2 thin sheet metal bolts per SingleFix Pro are needed.



SINGLEFIX MOUNTING KIT

= 2 pcs. SingleFix Pro +
4 pcs. Thin sheet bolts +
1 pc. Module support rail



MODULE SUPPORT RAILS

in combination with SingleFix Pro

120011-00450 EcoLight 450 mm module support rail

PU: 50

120020-00450 Pro35 450 mm module support rail

PU: 50

120023-00450 Pro100 450 mm module support rail

PU: 35

121010-202 FixZ-7 system rail18 lower 450 mm

PU: 25

121001-202 FixZ-7 system rail18 upper 450 mm

PU: 25

121009-202 FixZ-15 system rail18 lower 450 mm

PU: 25

121008-202 FixZ-15 system rail18 upper 450 mm

PU: 25





CLAMPFIT

Direct clamping on trapezoid metal sheet in horizontal module alignment



- + Material: aluminum and EPDM rubber
- + For steel and aluminum sheet metal starting at 0.5 mm

130004-200 ClampFit

PU: 100

2 thin sheet metal bolts per ClampFit are needed.



- + Material: aluminum and EPDM rubber

130004-300 ClampFit Pro

PU: 100

2 thin sheet metal bolts per ClampFit Pro are needed.



ECORAPID

Horizontal module mounting without module clamp



- + Material: stainless steel and EPDM rubber

113014-000 EcoRapid

PU: 200

Clamp directly on frame, for corrugation heights from 22 mm
EcoRapid at module field edge: 2 bolts; EcoRapid at module field center: 1 bolt



THIN METAL SHEET BOLTS

in combination with SingleFix Pro, ClampFit / ClampFit Pro and EcoRapid

- + Material: bimetal bolt with EPDM sealing washer

943000-700 Thin sheet metal bolt 5.5 × 25 A2 with sealing washer
With ETA, ETN, MCS012, and German building authority approval.
For use in GER, FR, and UK.
For use on sandwich elements approved for this purpose.

PU: 100

943000-360 Thin sheet metal bolt 6.0 × 25 A2 with sealing washer
With ETA, ETN, MCS012, and German building authority approval.
For use in GER, FR, and UK.

PU: 100

943001-232 Thin sheet metal bolt 6.0 × 22 A2 with oZ sealing washer
For use outside GER, FR, and UK.

PU: 100



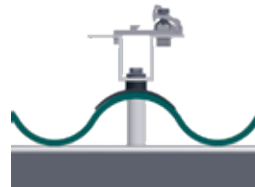
CORRUGATED ROOF & TRAPEZOID ROOF

ADAPTER ON STEEL SUBSTRUCTURE

UNIVERSAL ADAPTER ON CORRUGATED ROOF



- + Material: aluminum and TPE sealing cap
- + For fiber cement corrugated roofs
- + On request, mounting rails can be adapted with cross connectors.



119033-002 Universal-Adapter Uno M8

PU: 50



119005-000 Seal cap corrugated sheet 5 / 6 / 8

PU: 50

119004-003 Spacer sleeve AL 995 x 20*

PU: 30

*The required lengths must be cut to size on site.



UNIVERSAL ADAPTER ON TRAPEZOID SHEET METAL AND SANDWICH ROOF



- + Material: aluminum and EPDM calotte
- + On request, mounting rails can be adapted with cross connectors.
- + Also available as dual fastening



119033-002 Universal adapter Uno M8

PU: 50



119005-001 Universal calotte with EPDM

PU: 50



THREADED BOLT SELF-GROOVING

in combination with Universal adapter fastening system on steel purlins

- + Material: stainless steel with EPDM sealing washer

943763-064 6.3 x 64

PU: 100

943763-115 6.3 x 115

PU: 100

943763-150 6.3 x 150

PU: 100

943763-200 6.3 x 200

PU: 50

The mounting points must be pre-drilled with Ø 5 mm.



NOTE: Please note that illustrations and thread lengths may vary.



HANGER BOLTS ON WOOD SUBSTRUCTURE

MOUNTING PLATE FOR HANGER BOLT



- + Material: aluminum
- + Dimensions: 120 x 60 x 6 mm

119002-000 Mounting plate for hanger bolts M10 / M12

PU: 50



KLICKTOP PRO EXTENSION PART



- + Material: aluminum

119001-020 KlickTop Pro extension part for hanger bolt

PU: 50



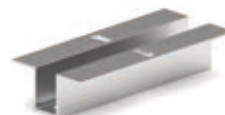
UNIVERSAL ADAPTER DUO



- + Material: aluminum

119033-004 Universal adapter Duo M10 / M12

PU: 50



UNIVERSAL ADAPTER UNO



- + Material: aluminum
- + On request, mounting rails can be adapted with cross connectors.

119033-001 Universal adapter Uno M10 / M12

PU: 50



HANGER BOLT KIT

in combination with Mounting plate, KlickTop Pro extension part and Universal adapters

- + Material: bolts and nuts V4A, sealing EPDM vulcanized (UV resistant)
- + Pre-assembled with sealing and 3 flange nuts

110010-200**	Hanger bolt set: 10 x 200, mounted	PU: 50
110210-200	Hanger bolt set: 10 x 200, mounted	PU: 50
110012-200**	Hanger bolt set 12 x 200 mounted	PU: 50
110212-200	Hanger bolt set 12 x 200 mounted	PU: 50
110012-300**	Hanger bolt set 12 x 300 mounted	PU: 50
110212-300	Hanger bolt set 12 x 300 mounted	PU: 50

** Item will be discontinued. Available while stocks last.



SPECIAL FASTENERS

FASTENINGS ON WOOD SUBSTRUCTURE

FIXPLAN

For sheet metal roofs where fastening on the fold is not possible (e.g. titanium zinc sheet roofs).



- + Material: stainless steel with EPDM sealing plate

114003-000	FixPlan sealing plate	PU: 50
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BITUPLAN

For bitumen roofs - FixPlan with additional sealing

- + Material: Alu-Butyl

114004-000	Bituplan additional seal for FixPlan	PU: 100
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SLATEPLAN

For roofs with shingle cover (e.g. made of bitumen, fiber cement or slate)



- + Material: aluminum with EPDM sealing

109017-000	SlatePlan with seal: 270 × 200 × 0.5 mm	PU: 50
109017-001	SlatePlan with seal: 370 × 200 × 0.5 mm	PU: 50



HANGER BOLT KIT

in combination with FixPlan, BituPlan and SlatePlan

- + Material: bolts and nuts V4A, sealing EPDM vulcanized (UV-resistant)
- + Pre-assembled with sealing and 3 flange nuts

110010-200**	Hanger bolt set: 10 × 200, mounted	PU: 50
110210-200	Hanger bolt set: 10 × 200, mounted	PU: 50
110012-200**	Hanger bolt set 12 x 200 mounted	PU: 50
110212-200	Hanger bolt set 12 x 200 mounted	PU: 50
110012-300**	Hanger bolt set 12 x 300 mounted	PU: 50
110212-300	Hanger bolt set 12 x 300 mounted	PU: 50



** Item will be discontinued. Available while stocks last.



FIX T-K

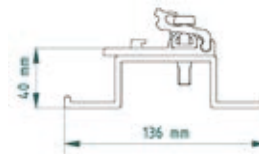
For bitumen roofs on roof boarding



+ Material: aluminum fastener

119014-012 Fix T-K

PU: 50



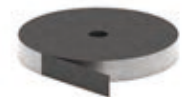
+ Material: aluminum fastener

119014-212 Fix T-K Pro

PU: 50



973000-041 EPDM rubber self-adhesive 48 mm wide, reel with 50 m



RAPID²⁺ PRO SML

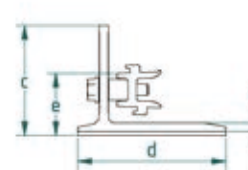
For mounting on the metal shingle



+ Material: aluminum fastener

119026-102 Rapid2+ Pro SML roof hooks

PU: 20

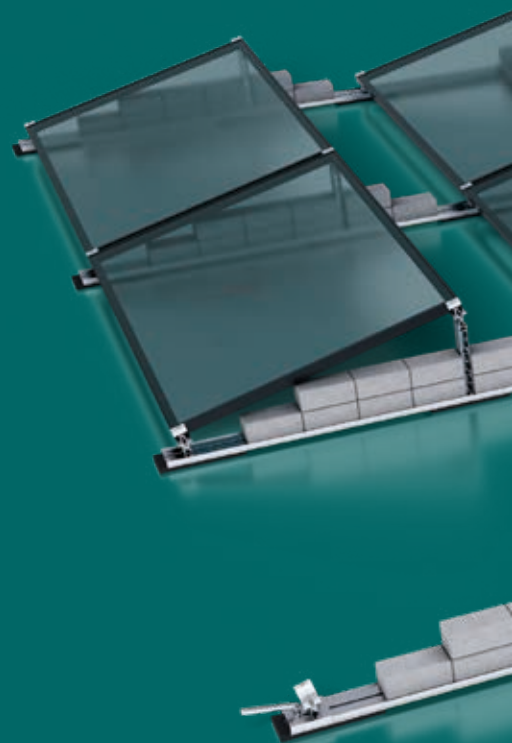


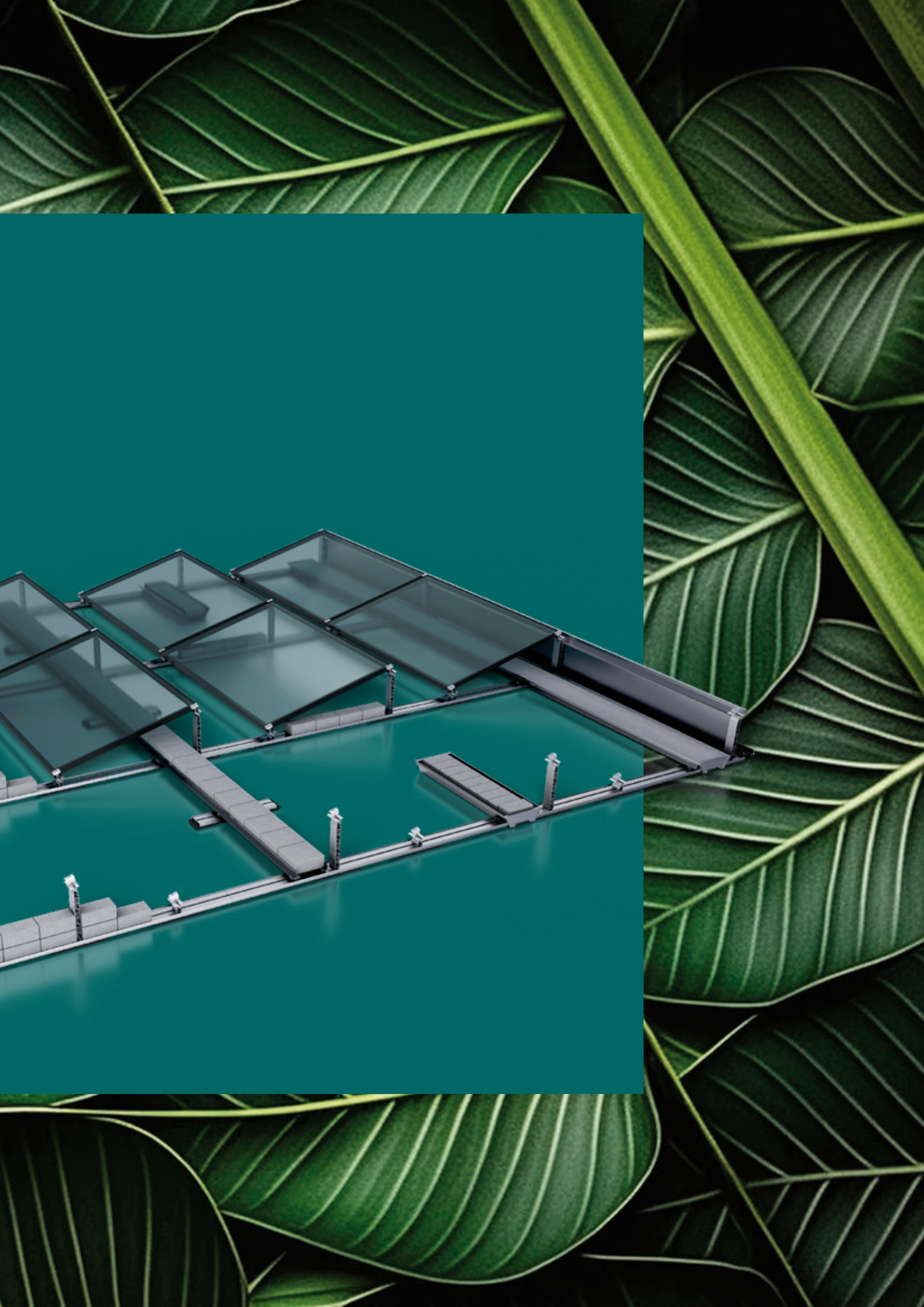
	a	b	c	d	e	f	g	h	i
mm	-	-	78	105	45	35	-	6	29



BALLASTED FLAT ROOF SYSTEMS

- + ROOF-PARALLEL SYSTEMS
- + ELEVATED SYSTEMS





FLAT ROOF BALLASTED

ROOF-PARALLEL SYSTEMS CLASSIC

FLATGRID CLASSIC

For roofs with slopes up to 10°



- + Material: aluminum, stainless steel connection elements
- + Fastening without roof penetration
- + Surface protection mat made of rubber granulate with aluminum Triplex lamination at the underside to prevent softener migration

Base rail FlatGrid, Fixgrid

128039-006	Base rail for FlatGrid 6000 mm
128039-203	Base rail for FlatGrid 2150 mm
128039-214	Base rail for FlatGrid 4200 mm
128039-215	Base rail for FlatGrid 6300 mm



129078-001	Inside connector for FlatGrid	PU: 50
943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100



2 inside connectors and 4 thin metal sheet bolts are required for each connection.

Connectors

119026-122	Rapid Pro L bracket connector	PU: 100
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129062-021	Tension connector (2 per connection)	PU: 100
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2 Tension connectors per connection are needed.

129061-001	Ridge connector set	PU: 50
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Accessories for angle, tension, and ridge connectors for FlatGrid Classic

943000-025	Allen bolt M8 x 20, DIN EN ISO 4762, A2 with locking teeth and Gleitmo coating	PU: 100
943000-043	Large washer M8, DIN EN ISO 7093-1, A2	PU: 100
943914-008	Square nut M8	PU: 100
129010-008	KlickIn click-in component for M8 nut	PU: 100





Surface protection mats

169004-003	Surface protection mat 300 x 110 x 20 mm AK SK	PU: 25
169004-008	Surface protection mat 300 x 110 x 20 mm FH AK SK***	PU: 25

*** On request. Please note longer delivery times.



Additional FlatGrid accessories

129062-001**	Tension connector set M8	PU: 100
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** Item will be discontinued. Available while stocks last.



169017-000	Additional trough	PU: 50
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169004-013	Surface protection mat 230 x 110 x 8 mm (laminated)	PU: 100
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FLAT ROOF BALLASTED

ROOF-PARALLEL SYSTEMS PROLINE

FLATGRID PRO

For roofs with slopes up to 10°



- + Material: aluminum, stainless steel connection elements
- + Fastening without roof penetration
- + Surface protection mat made of rubber granulate with aluminum Triplex lamination at the underside to prevent softener migration

Floor rails FlatGrid Pro

165001-01500	Pro floor rail 1500 mm
165001-02500	Pro floor rail 2500 mm
165001-03500	Pro floor rail 3500 mm
165001-04500	Pro floor rail 4500 mm
165001-06000	Pro floor rail 6000 mm

129200-001	Pro floor rail connector	PU: 70
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2 inside connectors are required for each connection.

Connectors

119026-122	Rapid Pro L bracket connector	PU: 100
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129062-021	Tension connector (2 per connection)	PU: 100
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2 tension connectors per connection are needed.

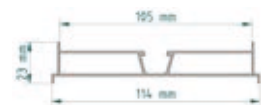
129061-001	Ridge connector set	PU: 50
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Accessories for angle, tension, and ridge connectors for FlatGrid Pro

943001-238*	Round head bolt M8X16, DIN 34805-2, TX40, A2, with locking teeth and Gleitmo coating	PU: 100
942000-902	Pro hammerhead nut	PU: 100

* Expected to be available from Q3/2024

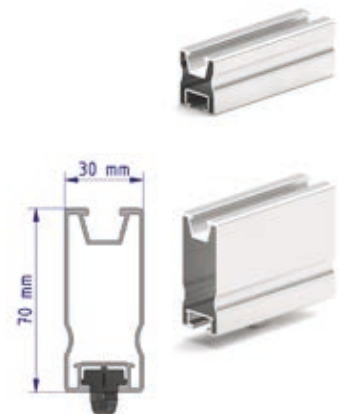




Module support rails Pro

120020-00100	Pro35 100 mm module support rail	PU: 100
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120022-000	Screw-in rail Pro70	PU: 100
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Ballast duct

169020-100	Pro ballast trough
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169020-001	Pro ballast trough cover plate	PU: 20
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169200-000	Pro ballast trough clamping wedge	PU: 10
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Surface protection mats

169004-003	Surface protection mat 300 x 110 x 20 mm AK SK	PU: 25
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169004-008	Surface protection mat 300 x 110 x 20 mm FH AK SK***	PU: 25
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*** On request. Please note longer delivery times.

FLAT ROOF BALLASTED

ELEVATED SYSTEMS CLASSIC

FIXGRID CLASSIC

Single- or double-sided elevated system with up to 13° module inclination



- + Material: aluminum, stainless steel connection elements
- + Fastening without roof penetration
- + Surface protection mat made of rubber granulate with aluminum Triplex lamination on the underside to prevent softener migration
- + Module pitch in approx. 5°/10°/13° with variable configuration

Base rail Fixgrid, FlatGrid

128039-006	Base rail for FlatGrid 6000 mm
128039-203	Base rail for FlatGrid 2150 mm
128039-214	Base rail for FlatGrid 4200 mm
128039-215	Base rail for FlatGrid 6300 mm

Module support rails FixZ-7

121001-04400	FixZ-7 system rail18 upper 4400 mm
121001-05500	FixZ-7 system rail18 upper 5500 mm
121010-04400	FixZ-7 system rail18 lower 4400 mm
121010-05500	FixZ-7 system rail18 lower 5500 mm

Module support rails FixZ-15

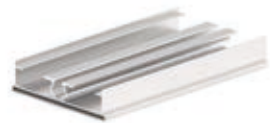
121008-04400	FixZ-15 system rail18 upper 4400 mm
121008-05500	FixZ-15 system rail18 upper 5500 mm
121009-04400	FixZ-15 system rail18 lower 4400 mm
121009-05500	FixZ-15 system rail18 lower 5500 mm

FixZ rail pieces incl. FixGrid screw-in connector

163900-011	FixZ-7 system rail upper 96 mm with connector	PU: 25
163900-012	FixZ-7 system rail lower 96 mm with connector	PU: 25
163900-021	FixZ-10 system rail upper 96 mm with connector	PU: 25
163900-022	FixZ-10 system rail lower 96 mm with connector	PU: 25
163900-023	FixZ-10 system rail center 96 mm with connector	PU: 25
163900-001	FixZ-15 system rail upper 96 mm with connector	PU: 25
163900-002	FixZ-15 system rail lower 96 mm with connector	PU: 25
163900-003	FixZ-15 system rail center 96 mm with connector	PU: 25

Ballast ducts

169020-170	FixGrid ballast shaft up to 1700 mm	
169020-210	FixGrid ballast shaft up to 2067 mm	
169020-240	FixGrid ballast shaft up to 2400 mm	
169020-000	FixGrid end plate ballast shaft (only for 169020-240)	PU: 20





FixZ Windsafe

169018-170	FixZ-7 Windsafe up to 1700 mm
169018-210	FixZ-7 Windsafe up to 2067 mm
169017-170	FixZ-10 Windsafe up to 1700 mm
169017-210	FixZ-10 Windsafe up to 2067 mm
169017-240	FixZ-10 Windsafe up to 2400 mm
169019-170	FixZ-15 Windsafe up to 1700 mm
169019-210	FixZ-15 Windsafe up to 2067 mm



Rail connector

129002-002	E Solo, SoloPlus, FixZ-7, FixZ-15 connector, pre-assembled	PU: 100
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129019-011	Additional connector for FixZ-15 upper (1 piece per connection)	PU: 100
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943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100
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2 thin sheet metal bolts per connector are needed.



129063-000	Rapid cross connector Completely pre-assembled for Klicknut M8	PU: 200
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Connectors

129062-021	Tension connector (2 per connection)	PU: 100
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2 tension connectors per connection are needed.



129061-001	Ridge connector set	PU: 50
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Accessories for tension and ridge connectors for FixGrid Classic

943000-025	Allen bolt M8 x 20, DIN EN ISO 4762, A2 with locking teeth and Gleitmo coating	PU: 100
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943000-043	Large washer M8, DIN EN ISO 7093-1, A2	PU: 100
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943914-008	Square nut M8	PU: 100
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129010-008	KlickIn click-in component for M8 nut	PU: 100
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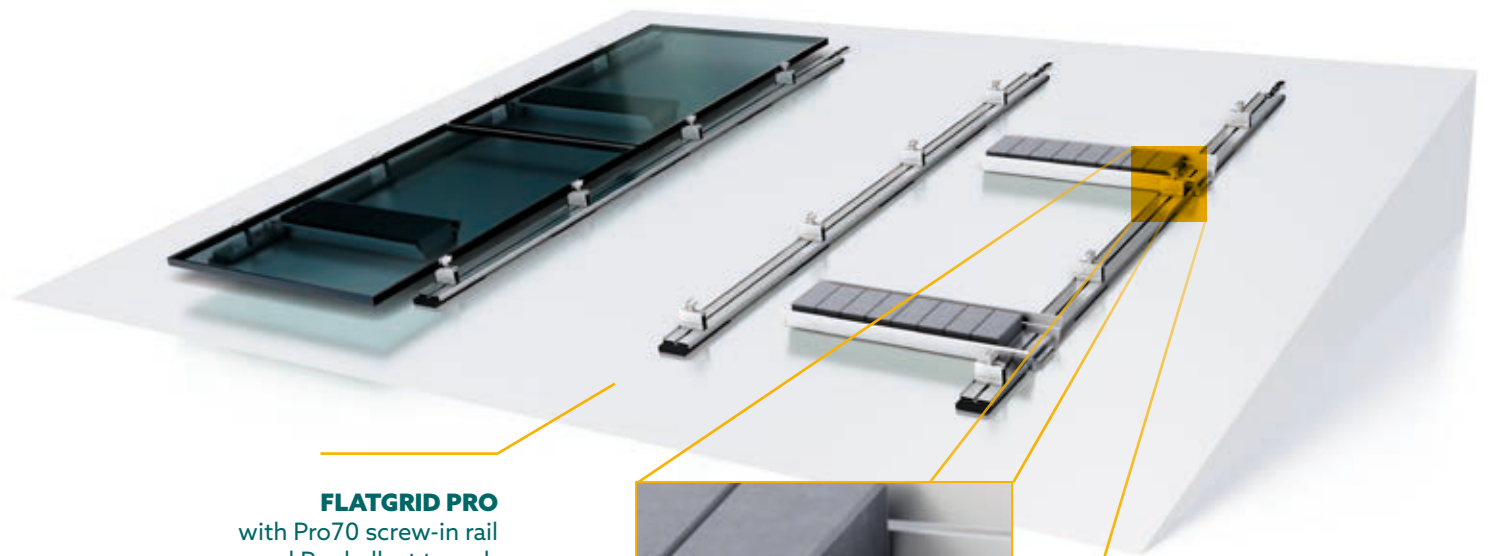
129062-001**	Tension connector set M8	PU: 100
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** Item will be discontinued. Available while stocks last.

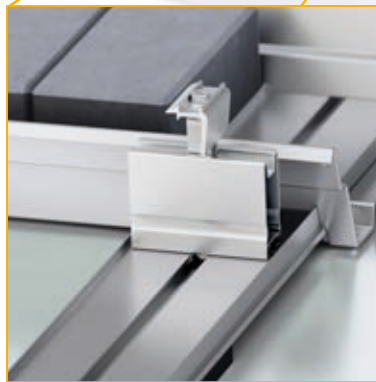


FLATGRID PRO

ASSEMBLY EXAMPLES



FLATGRID PRO
with Pro70 screw-in rail
and Pro ballast trough

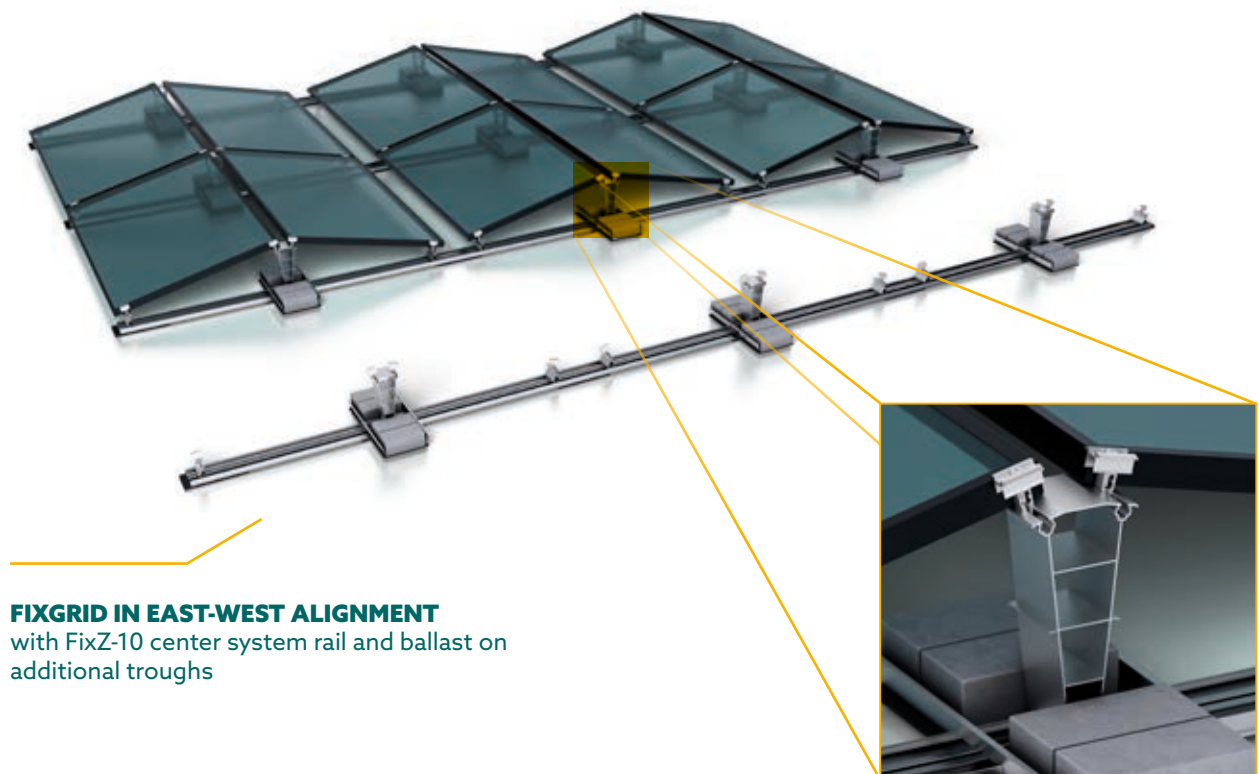
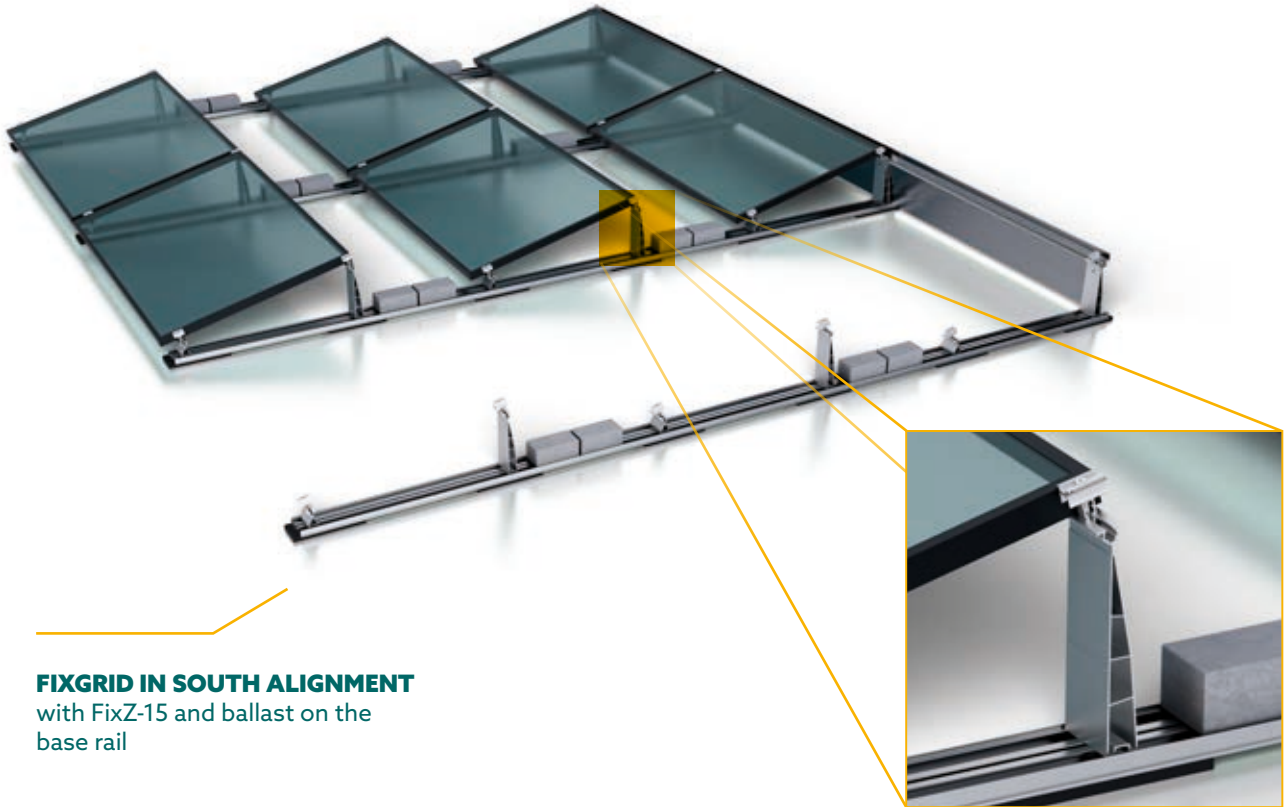


FLATGRID PRO
with Rapid Pro L bracket connector
and ballast on the Pro floor rail



FIXGRID CLASSIC

ASSEMBLY EXAMPLES



FLAT ROOF BALLASTED

ELEVATED SYSTEMS PROLINE

FIXGRID PRO

Single- or double-sided elevated system with up to 15° module inclination



- + Material: aluminum, stainless steel connection elements
- + Fastening without roof penetration
- + Surface protection mat made of rubber granulate with aluminum Triplex lamination on the underside to prevent softener migration
- + Module pitch in 5°/10°/ 15° with variable module clamping and configuration

Floor rails FixGrid Pro

165001-01500	Pro floor rail 1500 mm
165001-02500	Pro floor rail 2500 mm
165001-03500	Pro floor rail 3500 mm
165001-04500	Pro floor rail 4500 mm
165001-06000	Pro floor rail 6000 mm

129200-001	Pro floor rail connector	PU: 70
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2 inside connectors are required for each connection.

Elevation elements

165005-002	Pro screw-in heightening element For installation on the Pro floor rail	PU: 25
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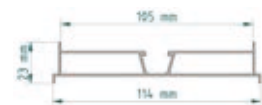
165005-003	Pro heightening element For installation on the Pro screw-in and heightening element	PU: 25
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The quantity of the heightening elements varies depending on the elevation angle: 1 piece = 5°, 2 pieces = 10°, 3 pieces = 15°

165005-100*	Pro screw-in center support For installation on the Pro floor rail	PU: 25
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The Pro screw-in center support is designed for the 10° elevation.

*Expected to be available from Q3/2024





Module support

165005-001	Pro screw-in module support For installation on the Pro floor rail	PU: 25
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165005-004	Pro module support For installation on the Pro screw-in and heightening element	PU: 25
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Ballast duct

169020-100	Pro ballast trough
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169020-001	Pro ballast trough cover plate	PU: 20
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169200-000	Pro ballast trough clamping wedge	PU: 10
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Ballast and composite rails

165002-01600	Pro ballast + composite rail 1600 mm
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165002-02000	Pro ballast + composite rail 2000 mm
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165002-02350	Pro ballast + composite rail 2350 mm
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165002-02700	Pro ballast + composite rail 2700 mm
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165002-06000	Pro ballast + composite rail 6000 mm
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129200-002	Pro ballast rail connectors	PU: 40
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165001-00550	Pro 550 floor rail	PU: 25
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As intermediate support for Pro ballast + composite rail



129063-002	RapidConnect90	PU: 100
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Floor rail connector to ballast and composite rail



FLAT ROOF BALLASTED

ELEVATED SYSTEMS PROLINE

FIXGRID PRO

Surface protection mats

169004-003	Surface protection mat 300 x 110 x 20 mm AK SK	PU: 25
169004-008	Surface protection mat 300 x 110 x 20 mm FH AK SK***	PU: 25

***On request. Please note longer delivery times.



Windsafe metal sheets

169205-135	Pro Windsafe 5 up to 1350 mm module
169205-180	Pro Windsafe 5 up to 1800 mm module
169205-215	Pro Windsafe 5 up to 2150 mm module
169205-250	Pro Windsafe 5 up to 2500 mm module
169210-135	Pro Windsafe 10 up to 1350 mm module
169210-180	Pro Windsafe 10 up to 1800 mm module
169210-215	Pro Windsafe 10 up to 2150 mm module
169210-250	Pro Windsafe 10 up to 2500 mm module
169215-135	Pro Windsafe 15 up to 1350 mm module
169215-180	Pro Windsafe 15 up to 1800 mm module
169215-215	Pro Windsafe 15 up to 2150 mm module
169215-250	Pro Windsafe 15 up to 2500 mm module



943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100
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Fastening bolts for Windsafe sheet metal



163000-400	FixGrid Pro Kit East/West
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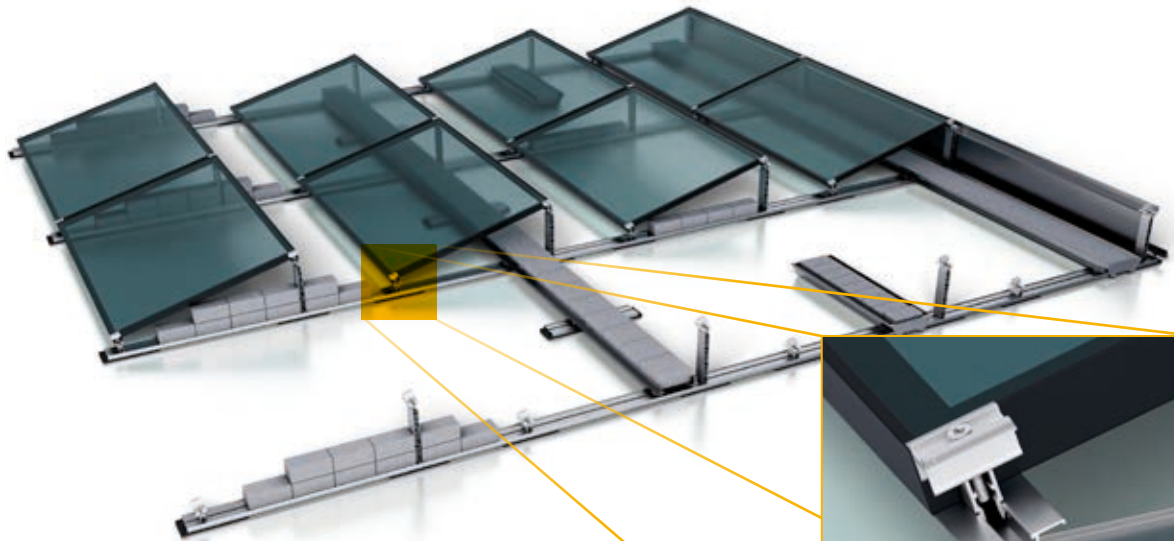
169008-006	FixGrid Pro screw-in tool	PU: 2
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For easier assembly of the screw-in module supports and screw-in heightening elements.



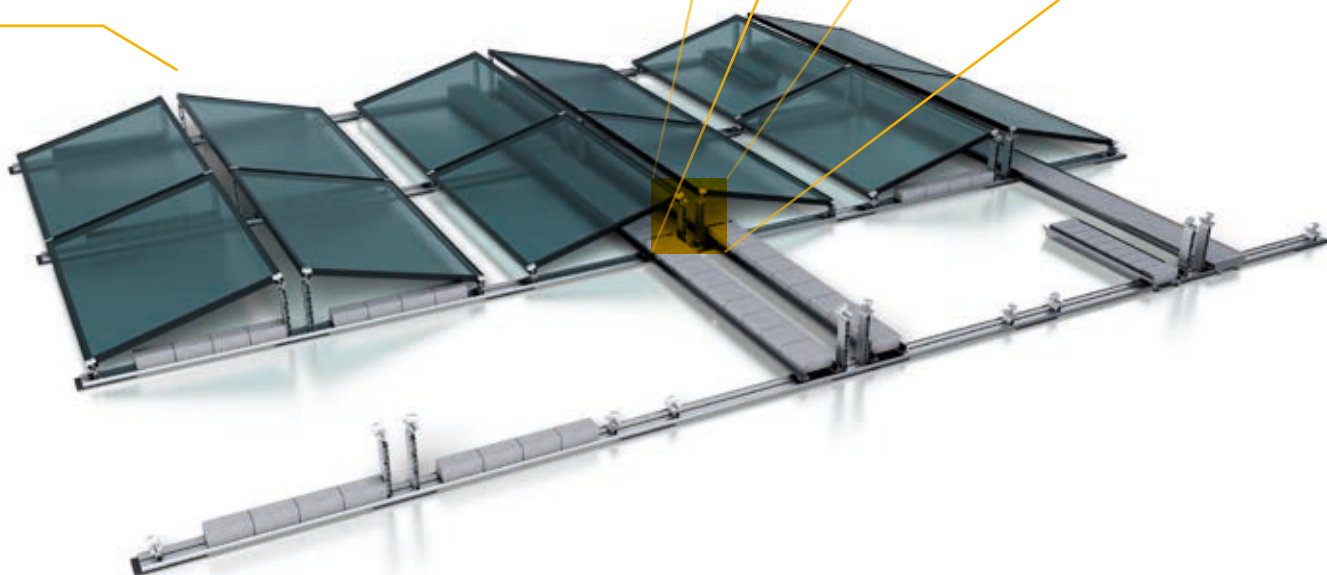
FIXGRID PRO

ASSEMBLY EXAMPLES



FIXGRID PRO IN SOUTH ALIGNMENT
with different ballast options

FIXGRID PRO-100 IN EAST-WEST ALIGNMENT
with maximum elevation of 15°





SUPPORTS

- + STRUTS AND BOLTS
- + FLAT ROOF SUPPORT BEAM KIT
- + FAÇADE SUPPORT BEAM KIT
- + GREEN ROOF SUPPORT BEAM KIT



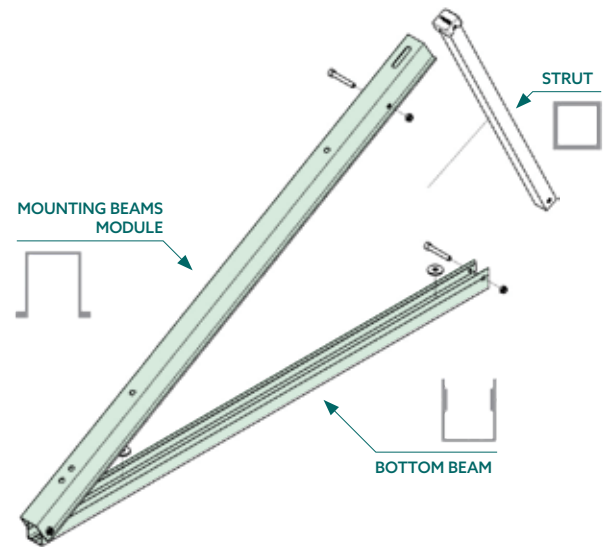


SUPPORT BEAM KIT

The pre-assembled beam kit supports consist of the floor support and the assembly support module. To complete the beam kits, struts and fastening materials are needed.

PLEASE NOTE: Possible mounting positions of the module support rails can be found in the respective dimension tables (dimensions c, d, e), Observe the specifications of the module manufacturer

PLEASE NOTE: For all types of flat roof fastener, depending on the substrate and fastener, diagonal reinforcement of the support units may be useful. If necessary, these reinforcements can be built on site, e.g. using our punched mounting tape 16 – with a length of 50 m (119015-003).



STRUTS FOR BEAM KIT

+ Material: aluminum 3.3206 / EN AW 6060-T6 and end cap PA

159005-001	Strut with end cap 338 mm
159005-002	Strut with end cap 428 mm
159005-003	Strut with end cap 520 mm
159005-004	Strut with end cap 613 mm
159005-005	Strut with end cap 700 mm
159005-006	Strut with end cap 781 mm
159005-007	Strut with end cap 1359 mm



BEAM KIT SUPPORT MATERIAL

943000-024	Cylinder head bolt hex socket M8x55, DIN EN ISO 4762, A2 with Gleitmo coating (2 pieces/strut)	PU: 100
943001-240	Hexagonal self-locking M8, DIN EN ISO 7040, A4 (2 pieces/strut)	PU: 500
943000-043	Large washer M8, DIN EN ISO 7093-1, A2 (1 piece/screw-on point bottom support)	PU: 100
943000-056	Large washer M10 DIN EN ISO 7093-1, A2 (1 piece/screw-on point bottom support)	PU: 100



FLAT ROOF

SUPPORT BEAM KITS



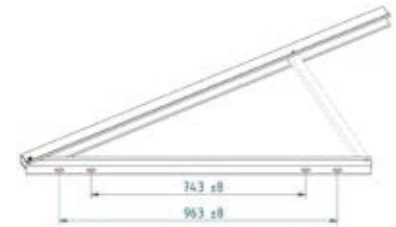
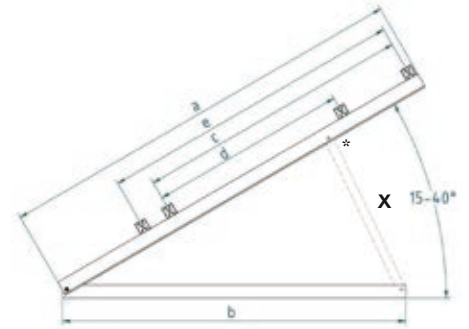
FLAT ROOF BEAM KIT SMALL

For vertical module fastening with clamping on long side



- + Material: aluminum
- + Angles of 15° or 30° are available
- + For horizontal and vertical module mounting

150002-130 Light flat roof support 1.3 m beam kit					
	a	b	c	d	e
mm	1195	1193	810 - 850	600	997 - 1067



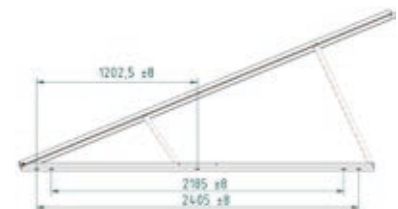
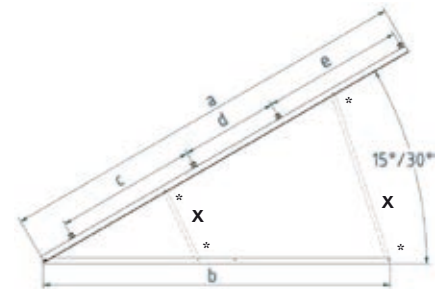
FLAT ROOF BEAM KIT MEDIUM

For fastening with standard module lengths starting at 1.50 m



- + Material: aluminum
- + Angles of 15° or 30° are available
- + For horizontal and vertical module mounting

150002-150 Light flat roof support 1.5 m beam kit					
	a	b	c	d	e
mm	1445	1193	920 - 960	690	997 - 1067



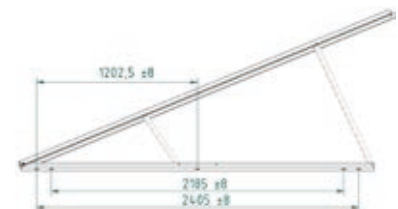
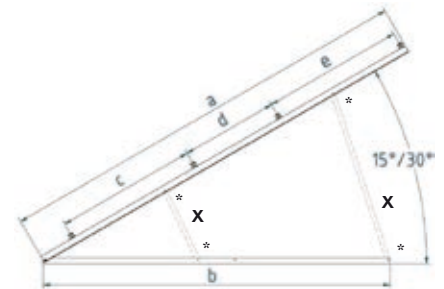
FLAT ROOF BEAM KIT LARGE

For large area module assignment, e.g. 2 vertical module rows



- + Material: aluminum
- + Angles of 15° or 30° are available
- + For horizontal and vertical module mounting

155002-320 Light flat roof support 3.2 m beam kit					
	a	b	c	d	e
mm	3195	2635	1080	733	1072



FLAT ROOF STRUT TABLE

	15°	20°	25°	30°	35°	40°
150002-130	159005-001	159005-002	159005-003	159005-004	159005-005	159005-006
150002-150	159005-001	159005-002	159005-003	159005-004	159005-005	159005-006
155002-320	159005-005 159005-001			159005-007 159005-004		

FAÇADE AND GREEN ROOF

SUPPORT BEAM KITS

FAÇADE BEAM KIT

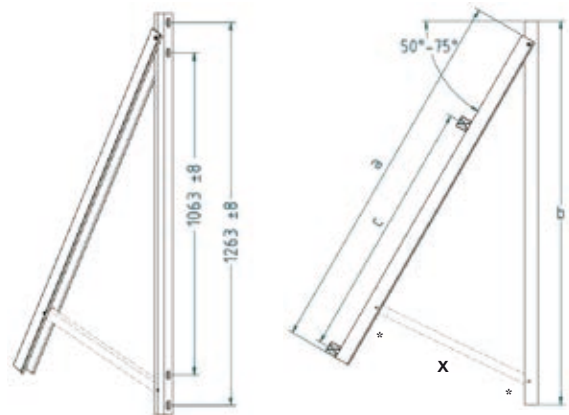
Vertical elevation



- + Material: aluminum
- + Angles of 50° – 75° in 5° increments possible
- + For horizontal and vertical module mounting

156002-160 Light facade support 1.3 m beam kit

	a	b	c
mm	1285	1323	900



FAÇADE STRUT TABLE

	50°	55°	60°	65°	70°	75°
156002-160	159005-006	159005-005	159005-004	159005-003	159005-002	159005-001

GREEN ROOF BEAM KIT

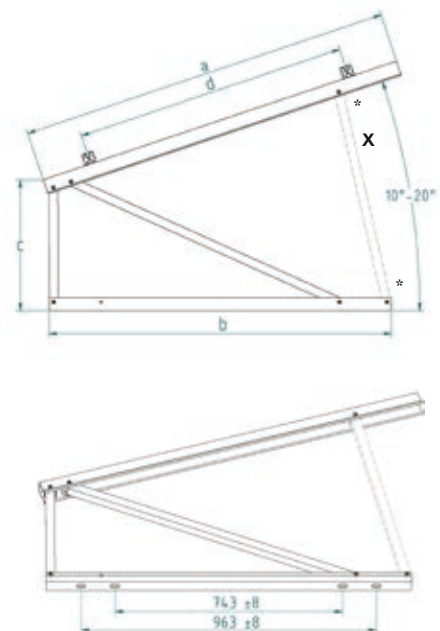
For green roofs with vegetation



- + Material: aluminum
- + Angles of 10° – 20° in 5° increments possible
- + For horizontal and vertical module mounting

152001-001 Green roof support for modules up to 1.6 m

	a	b	c	d
mm	1300	1193	455	950



GREEN ROOF STRUT TABLE

	10°	15°	20°
152001-001	159005-004	159005-005	159005-006



LOAD KIT

For loading with concrete boulders and concrete blocks



- + Material: aluminum with surface protection mat

159000-027 Concrete block weighing set18 PU: 100

Set consisting of 2 aluminum rail pieces including bolts, 1 set is required per support.



SOLRACK ALU

For weighing, e.g. with gravel



- + Material: aluminum, thickness: 1 mm
- + Area: 0.55 m²
- + 2 bolts each, washers and flange nuts are required for each SolRack Alu

160002-001 SolRack Alu (1 plate)



Accessories for SolRack Alu

943610-025**	Bolt M10 x 25 hexagonal DIN 933, A2 with Gleitmo coating	PU: 100
943000-029	M10 x 25 bolt hexagonal DIN EN ISO 4017, A2 with Gleitmo coating	PU: 100
943000-056	Large washer M10, DIN EN ISO 7093-1, A2	PU: 100
943912-010**	Flange nut M10 with locking teeth DIN 6923, A4	PU: 100
943000-022	Flange nut M10 with locking teeth DIN 6923, A4	PU: 100

** Item will be discontinued. Available while stocks last.



WINDSAFE

Rear wall paneling for elevated systems to reduce wind loads



- + Material: aluminum

164160-180 Windsafe Vario AL 160 x 1830 mm

164250-180 Windsafe Vario AL 250 x 1830 mm





MOUNTING RAILS

- + MOUNTING RAILS AND CONNECTORS CLASSIC
- + MOUNTING RAILS AND CONNECTORS PROLINE
- + END CAPS
- + FIXZ PRO





MOUNTING RAILS

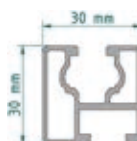
CLASSIC

RAILS CLASSIC



- + Material: aluminum
- + Mechanical connection: clamp channel below, KlickNut M8 above
- + Can be combined with all roof hooks
- + Mounting with square nut, click system, and Rapid²⁺

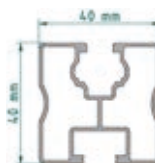
MODULE SUPPORT RAIL ECO05



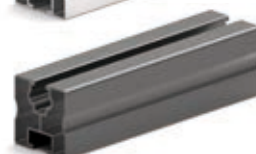
AL blank	
120001-03550	3550 mm
120001-04750	4750 mm
120001-05900	5900 mm



MODULE SUPPORT RAIL SOLO

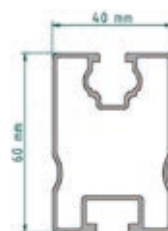


AL blank		Black anodized	
120005-02450	2450 mm		
120005-03550	3550 mm		
120005-04400	4400 mm	120005-94400**	4400 mm
120005-04750	4750 mm		
120005-05900	5900 mm	120005-95900	5900 mm
120005-06200	6200 mm		



** Item will be discontinued. Available while stocks last.

MODULE SUPPORT RAIL SOLOPLUS



AL blank	
120006-05900	5900 mm



MODULE SUPPORT RAIL SOLO XL



AL blank	
120015-05900	5900 mm

The lower clamp channel is only suitable for the connection with a square head bolt 943410-025. Not for Rapid cross connectors, KlickTop, etc.



CONNECTORS CLASSIC

For module support rails of the Classic series



+ Material: aluminum

Connectors		
129001-003	E Eco connector, pre-assembled	PU: 100
129002-002	E Solo, SoloPlus, FixZ-7, FixZ-15 connector, pre-assembled	PU: 100

Inside connector		
129001-014	Eco 05 inside connector 250 mm	PU: 50
+ 943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100

1 inside connector and 2 thin metal sheet bolts are required for each connection.

129060-000	Solo slide-in connector	PU: 50
+ 943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100

2 slide-in connectors and 4 thin metal sheet bolts are required for each connection.

129001-007	SoloPlus internal connector	PU: 25
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129001-008	EcoLight internal connector	PU: 25
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129001-019	SoloXL internal connector	PU: 25
+ 943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100

1 inside connector and 4 thin metal sheet bolts are required for each connection.

Cross connector		
AL blank	Black anodized	
129063-000	129063-900	Rapid cross connector

For Classic cross rail system

129063-010	Cross connector Rapid Pro	PU: 200
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Upper connection For Classic - Proline hybrid cross rail system
 Lower connection

119033-002	Uno M8 universal adapter	PU: 50
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As clamp dowel for special applications, e.g. at the façade in combination with the Eco05 module support rail. Support rail must be fastened with M8 bolts to the clamp dowel.



MOUNTING RAILS

PROLINE

RAILS PROLINE



- + Material: aluminum
- + Mechanical connection: clamp channel below, KlickNut Pro above
- + Can be combined with all roof hooks
- + Mounting with Pro hammerhead nut and all ProLine connections

PRO35 MODULE SUPPORT RAIL

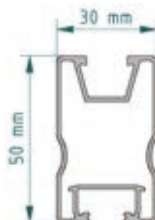


AL blank		
120020-00450	450 mm	PU: 50
120020-03550	3550 mm	
120020-04400	4400 mm	
120020-04750	4750 mm	
120020-05500**	5500 mm	
120020-05900	5900 mm	

** Item will be discontinued. Available while stocks last.



MODULE SUPPORT RAIL PRO50

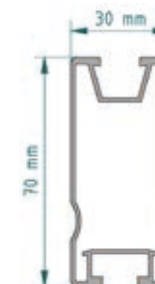


AL blank		Black anodized	
120021-00260	260 mm	PU: 50	
120021-02450	2450 mm		
120021-03300**	3300 mm		
120021-03550	3550 mm		
120021-04400	4400 mm		
120021-04750	4750 mm	120021-94750	4750 mm
120021-05500**	5500 mm		
120021-05900	5900 mm		

** Item will be discontinued. Available while stocks last.



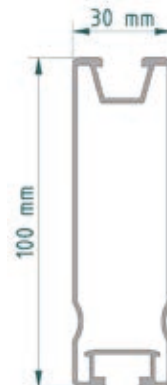
MODULE SUPPORT RAIL PRO70



AL blank	
120022-05900	5900 mm



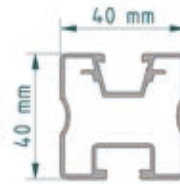
MODULE SUPPORT RAIL PRO100



AL blank

120023-00450	450 mm
120023-05900	5900 mm

SOLOPRO MODULE SUPPORT RAIL ProLine with the dimensions of the Classic series



AL blank

120039-04400	4400 mm
120039-04750	4750 mm
120039-05900	5900 mm
120039-06200	6200 mm

CONNECTORS PROLINE

For module support rails of the ProLine series



+ Material: aluminum or zinc diecasting

129200-000	Pro internal connector	PU: 40
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129063-020	Rapid cross connector 90 Pro	PU: 150
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Completely pre-assembled for ProLine channel
Incompatible with the SoloPro module support rail



129063-002	RapidConnect90	PU: 100
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For cross rail system
Floor rail connector to ballast and composite rail



MOUNTING RAILS

ACCESSORIES

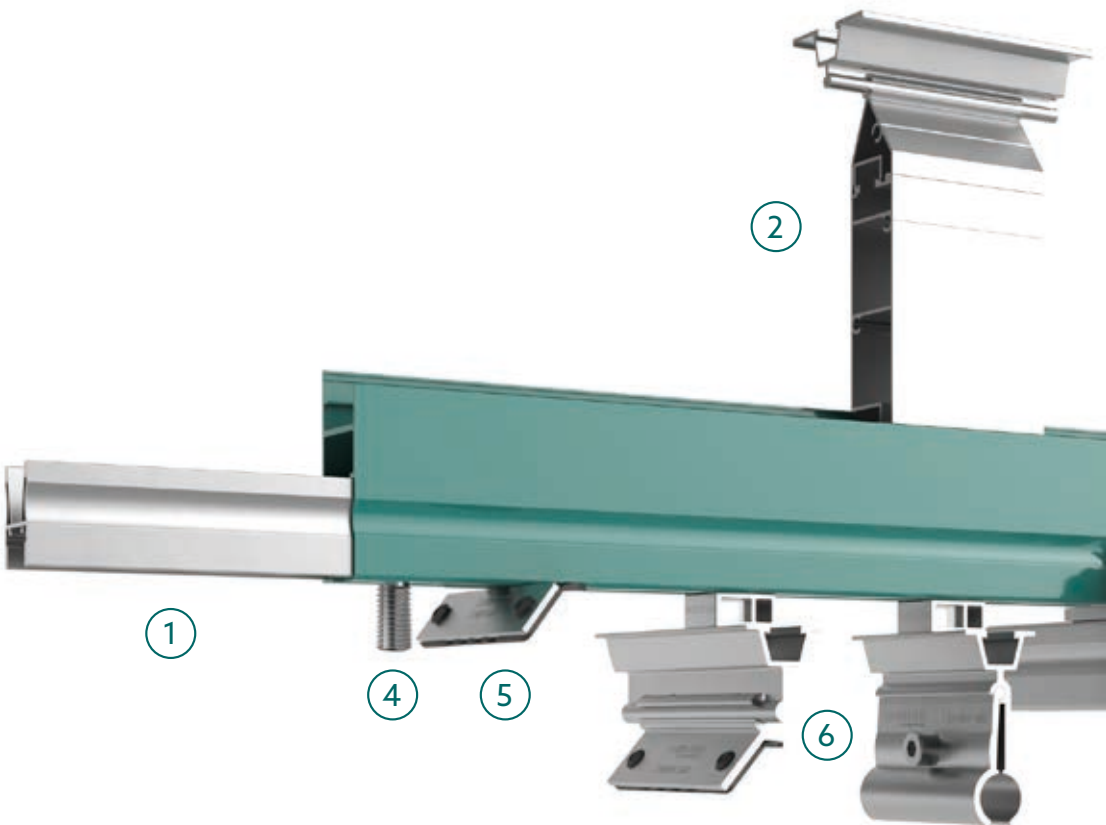
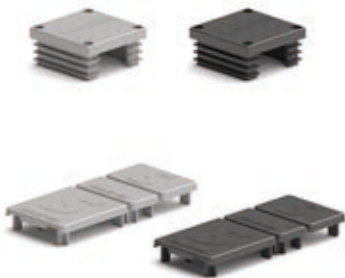
END CAPS

For the closing of the open rail ends



+ Material: PA

Gray	Black		
129011-000	129011-900	Solo plastic end cap	PU: 100
For rails of the Solo and SoloPro series			
129200-010	129200-910	Pro plastic end cap	PU: 100
For the Pro35, Pro50, and Pro70 rails			

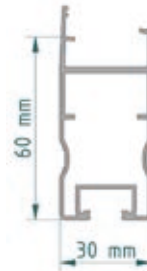


FIXZ PRO

Mounting rails with many connection options



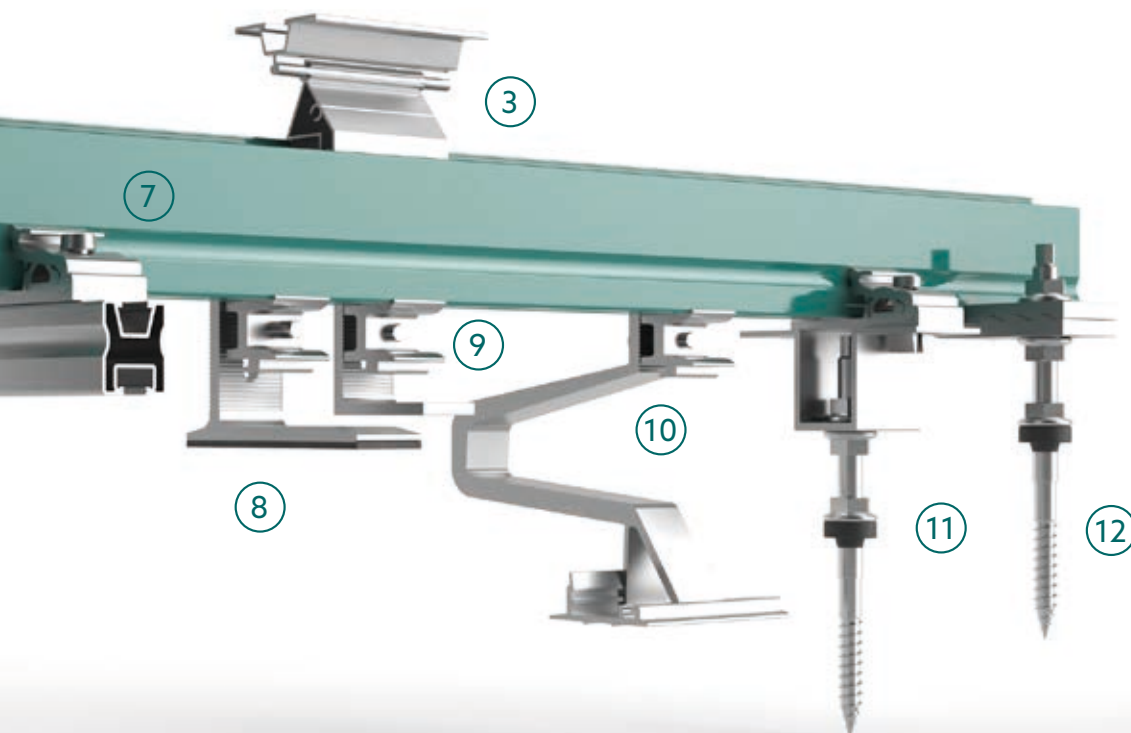
- + Material: aluminum
- + Mechanical connection: clamp channel below, FixGrid Pro click-in connection above



AL blank		
120034-00450	450 mm	PU: 50
120034-03550	3550 mm	
120034-05900	5900 mm	

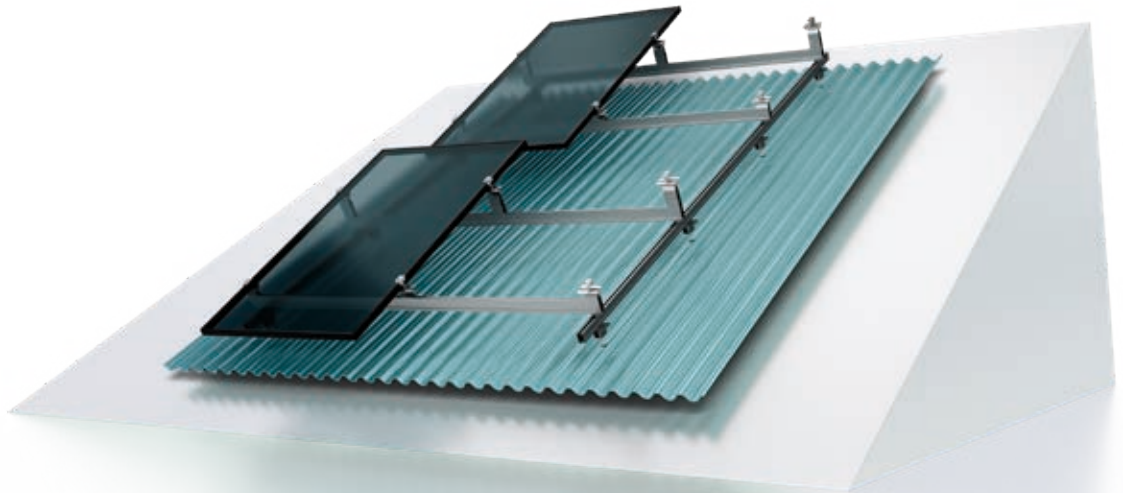


The FixZ support rails can be combined with the following items		Catalog	Position
129200-000	Pro internal connector	S. p. 55	1
165005-003	Pro heightening element	S. p. 40	2
165005-004	Pro module support	S. p. 40	3
943410-025	Bolt M10x25 square A2 GMB	S. p. 70	4
113009-003	SingleFix Pro	S. p. 24	5
129063-002	RapidConnect90 (with ClampFit Pro or Pro sheet metal seam clamps)	S. p. 23	6
129063-020	Rapid cross connector 90 Pro	S. p. 55	7
119026-102	Rapid ²⁺ Pro SML	S. p. 29	8
119026-122	Rapid Pro L	S. p. 32	9
101xxx-xxx	Roof hook with Rapid-Pro clamping part	S. p. 12 ff.	10
129063-010	Rapid Pro cross connector (with universal adapter)	S. p. 53	11
119001-020	KlickTop Pro extension part for hanger bolt	S. p. 27	12



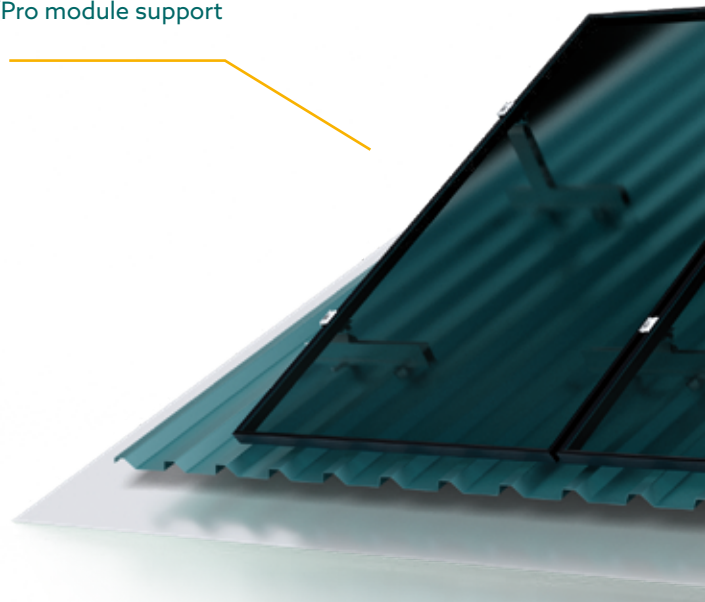
FIXZ PRO

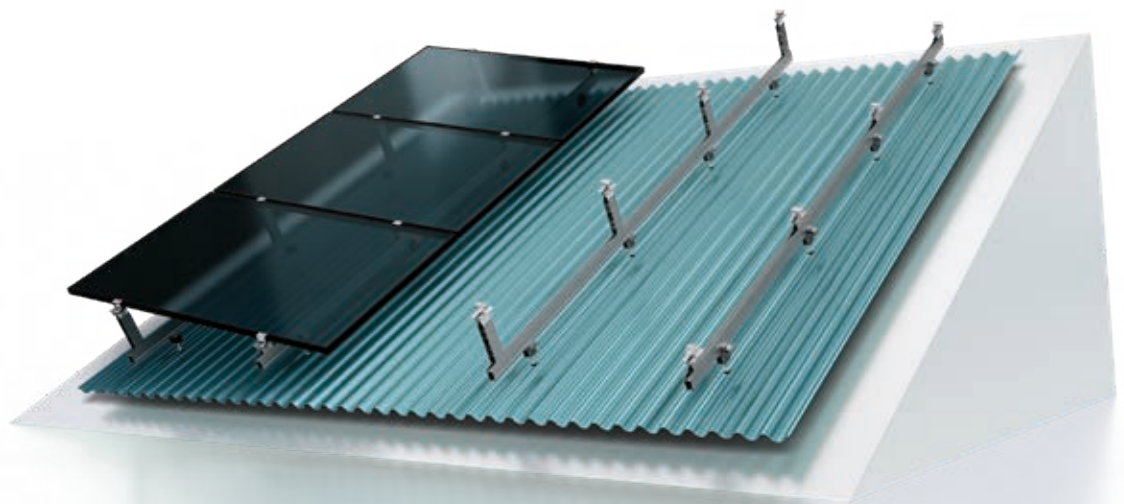
ASSEMBLY EXAMPLES



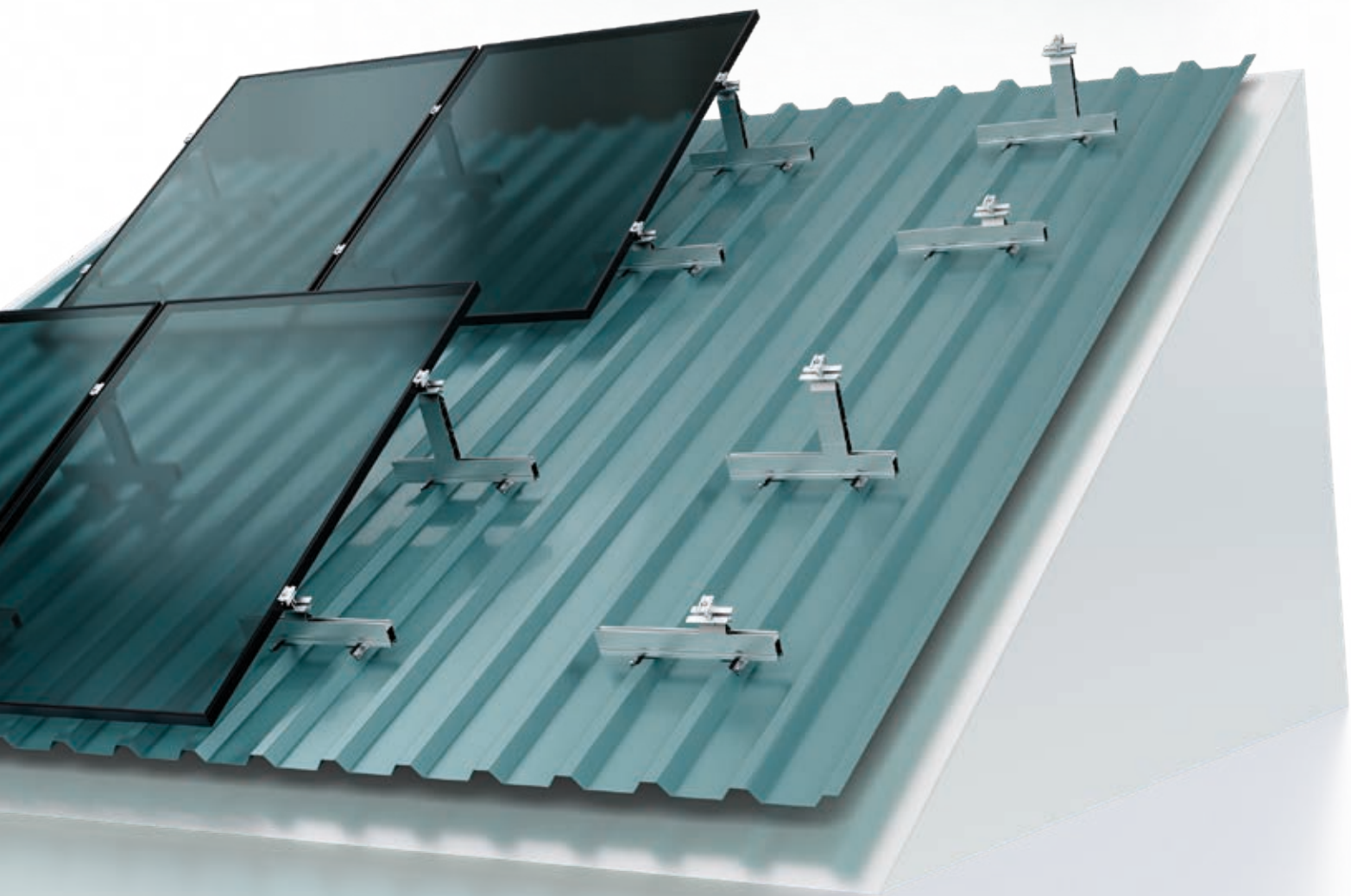
FIXZ PRO ON CORRUGATED SHEET
with Rapid Cross Connector 90 Pro
on cross rail system

FIXZ PRO ON TRAPEZOIDAL SHEET
with SingleFix Pro and heightening
element/Pro module support





FIXZ PRO ON CORRUGATED SHEET METAL
In east alignment with Universal adapter M8
and module support/Pro heightening element





MODULE CLAMPS

- + MODULE CLAMPS CLASSIC FOR FRAMED MODULES
- + MODULE CLAMPS PROLINE FOR FRAMED MODULES
- + MODULE CLAMPS CLASSIC FOR LAMINATE MODULES
- + MODULE CLAMPS PROLINE FOR LAMINATE MODULES



MODULE CLAMPS

FOR FRAMED MODULES CLASSIC

RAPID16

Clamp length: 50 mm; clamp depth: 7 mm



- + Material: aluminum blank or black anodized
- + Clamp height: 30 - 40 mm or 40 - 50 mm with two clamp variants



AL blank	Black anodized	Article designation	Installation type	
131121-002	131121-902	Center clamp Rapid16 40 - 50	V + H	PU: 100
131101-002	131101-902	End clamp Rapid16 40 - 50	V + H	PU: 50
131121-001	131121-901	Center clamp Rapid16 30 - 40	V + H	PU: 100
131101-001	131101-901	End clamp Rapid16 30 - 40	V	PU: 50
131101-003	131101-903	End clamp Rapid16 30 - 40	H	PU: 50

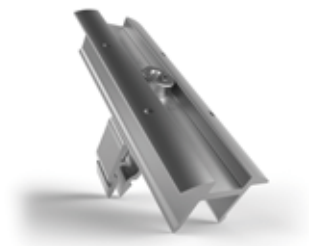


RAPID16

Clamp length: 100 mm; clamp depth: 7 mm



- + Material: aluminum blank
- + Clamping height: 30 - 40 mm



AL blank	Article designation	Installation type	
131121-111	Center clamp Rapid16 30 - 40 L	V + H	PU: 100
131101-101	End clamp Rapid16 30 - 40 L	V	PU: 50



MODULE CLAMPS

FOR FRAMED MODULES PROLINE



RAPIDPRO

Clamp length: 50 mm; clamp depth: 7 mm



- + Material: aluminum blank or black anodized
- + Clamp height: 30 - 47 mm with one clamp



AL blank	Black anodized	Article designation	Installation type	
131020-001	131020-901	RapidPro center clamp	V + H	PU: 100



131020-000	131020-900	RapidPro end clamp	V + H	PU: 50
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PRO

Clamp length: 50 mm; clamp depth: 8.5 mm



- + Material: aluminum blank or black anodized
- + Clamp height: 30 - 47 mm with one clamp



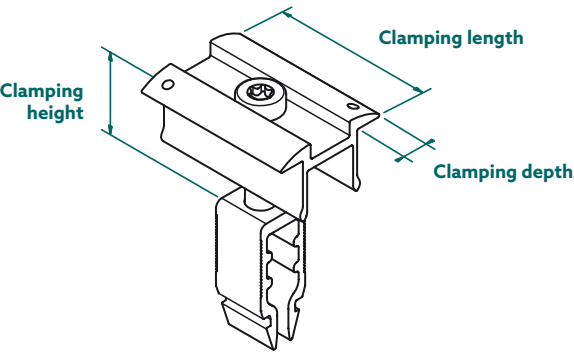
AL blank	Black anodized	Article designation	Installation type	
131021-001*	131021-901*	Center clamp Pro	V + H	PU: 100



131021-000*	131021-900*	End clamp Pro	V + H	PU: 50
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*Available from Q3/2024



MODULE CLAMPS

ASSEMBLY EXAMPLES



CENTER CLAMP PRO
with module support rail
Pro35 and roof hook
RapidA 35 Pro Max

This image shows a detailed view of a silver metal module clamp assembly installed on a green roof. The assembly consists of a horizontal support rail, a vertical bracket with a hook, and a mounting plate. A yellow line points from the text label to the top of the vertical bracket. The background shows the green, textured surface of the roof modules.

MODULE CLAMPS

FOR LAMINATE MODULES CLASSIC

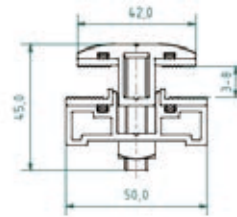


LAMINATE PROFI SMALL

Clamp length: 80 mm; glass insert: 11 mm



- + Material: aluminum blank, rubber glass protection
- + For laminate thicknesses of 3 – 8 mm
- + Clearance between modules: approx. 20 mm
- + Incl. countersunk bolt and square nut



132201-308** Profi center clamp narrow 3 – 8 mm set

PU: 100

132101-308** Profi end clamp narrow 3 – 8 mm set

PU: 100

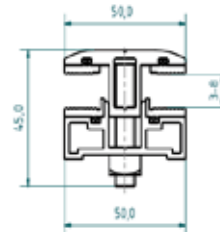
** Item will be discontinued. Available while stocks last.

LAMINATE PROFI WIDE

Clamp length: 80 mm; glass insert: 15 mm



- + Material: aluminum blank, rubber glass protection
- + For laminate thicknesses of 3 – 8 mm
- + Clearance between modules: approx. 20 mm
- + Incl. countersunk bolt and square nut



132202-308** Profi center clamp wide 3 – 8 mm set

PU: 100

132102-308** Profi end clamp wide 3 – 8 mm set

PU: 100

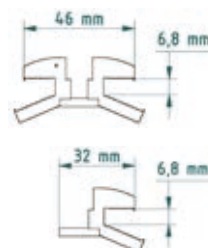
** Item will be discontinued. Available while stocks last.

LAMINATE ECO CLASSIC

Clamp length: 70 mm; glass insert: 11 mm



- + Material: aluminum blank, rubber glass protection
- + For laminate thicknesses of 6.8 mm
- + Clearance between modules: approx. 22 mm
- + Incl. M8 x 20 bolt without click-in component
- + Certified clamps for First Solar series 4 modules made of highly insulating EPDM rubber material



133264-168** Eco6-S4 center clamp laminate 6.8 mm set

PU: 100

133164-168** Eco6-S4 end clamp laminate 6.8 mm set

PU: 100

** Item will be discontinued. Available while stocks last.

139004-000 Bearing plate for Eco module clamp

PU: 200

Aluminum sheet for the elevation of the overlay area at the Eco laminate clamp



MODULE CLAMPS

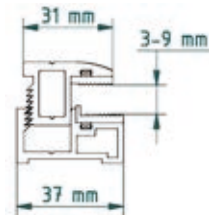
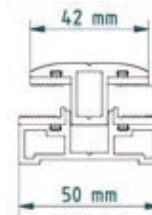
FOR LAMINATE MODULES PROLINE

LAMINATE PROLINE SMALL

Clamp length: 80 mm; glass insert: 11 mm



- + Material: aluminum blank, rubber glass protection
- + For laminate thicknesses of 3 – 9 mm
- + Clearance between modules: approx. 20 mm



132201-328 Pro center clamp narrow 3 – 9 mm set

PU: 100

132101-328 Pro end clamp narrow 3 – 9 mm

PU: 100

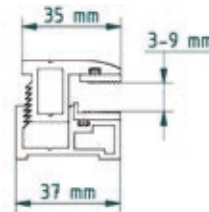
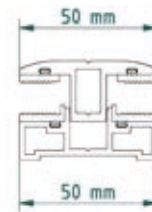


LAMINATE PROLINE WIDE

Clamp length: 80 mm; glass insert: 15 mm



- + Material: aluminum blank, rubber glass protection
- + For laminate thicknesses of 3 – 8 mm
- + Clearance between modules: approx. 20 mm
- + Incl. countersunk bolt and square nut



132202-328 Pro center clamp wide 3 – 9 mm

PU: 100

132102-328 Pro end clamp wide 3 – 9 mm

PU: 100

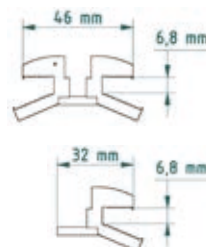


LAMINATE ECO PROLINE

Clamp length: 70 mm; glass insert: 11 mm



- + Material: aluminum blank, rubber glass protection
- + For laminate thicknesses of 6.8 mm
- + Clearance between modules: approx. 22 mm
- + Certified clamps for First Solar series 4 modules made of highly insulating EPDM rubber material



133264-268 Eco6-S4 center clamp 6.8 mm Pro

PU: 100

133164-268 Eco6-S4 end clamp 6.8 mm Pro

PU: 100





Accessories for the ProLine and Eco ProLine laminate clamps

943000-063*	Cylinder head bolt M8x40, TX40, A2 with locking teeth	PU: 100
942000-902	Pro hammerhead nut	PU: 100
943914-008	Square nut, A4	PU: 100

*Expected to be available from Q4/2024



LAMINATE SAFETY HOOK

Anti-slip protection for the laminate modules



+ Material: aluminum, rubber glass protection

139008-006	Safety hooks, laminate 3 – 8 mm	PU: 100
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PV MOUNTING ACCESSORIES

- + BOLTS AND SMALL PARTS
- + CABLE ROUTING
- + LIGHTNING PROTECTION AND EQUIPOTENTIAL BONDING
- + SAMPLE CASE





BOLTS AND SMALL PARTS

SEVERAL APPLICATION AREAS

BOLTS

For use in several Classic and ProLine systems



Hexagon head bolt, A2			
943610-025**	M10 x 25	DIN 933	PU: 100
943000-029	M10 x 25	DIN EN ISO 4017	PU: 100
943000-032	M10 x 35	DIN EN ISO 4017	PU: 100
943000-037	M10 x 45	DIN EN ISO 4017	PU: 100

** Item will be discontinued. Available while stocks last.

Square head bolt, A2			
943410-025	M10 x 25		PU: 100

Allen bolt with locking teeth, A2			
943000-025	M8 x 20	DIN EN ISO 4762	PU: 100

Allen bolt with Gleitmo coating, A2			
943000-024	M8 x 55	DIN EN ISO 4762	PU: 100

Half-round bolt with locking teeth, TX40, A2			
943001-238*	M8 x 16	DIN 34805-2	PU: 100

*Expected to be available from Q3/2024

Cylinder head bolt with locking teeth, TX40, A2			
943000-063*	M8 x 40	DIN EN ISO 14580	PU: 100
943001-242*	M8 x 16	DIN EN ISO 14580	PU: 100

*Expected to be available from Q4/2024



STEEL BOLTS

For the fastening in steel girders, starting at a thickness of 1.5 mm



Threaded bolt self-grooving, A2			
943763-064	6.3 x 64		PU: 100
943763-115	6.3 x 115		PU: 100
943763-150	6.3 x 150		PU: 100
943763-200	6.3 x 200		PU: 50

The mounting points must be pre-drilled with Ø 5 mm.





METAL SHEET BOLTS

Fastening bolts for metal sheets



943755-925	Drill bolts 5.5 x 25 with sealing washer	PU: 100
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Chips may be generated during the screw-in



943772-019	Repair bolt 7.2 x 19 self-grooving FAB-A A2	PU: 500
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Thin metal sheet bolt with sealing

943000-700	5.5 x 25 A2 thin sheet metal bolt with sealing washer With ETA, ETN, MCS012, and German building authority approval. For use in G, FR, and UK.	PU: 100
943000-360	6.0 x 25 A2 thin sheet metal bolt with sealing washer With ETA, ETN, MCS012, and German building authority approval. For use in G, FR, and UK.	PU: 100
943001-232	Thin sheet metal bolt 6.0 x 22 A2 with oZ sealing washer	PU: 100



WOOD BOLTS

For fastenings in wood substructures



Wood bolt with plate head, VA

943208-080	8 x 80	PU: 100
943208-100	8 x 100	PU: 100
943208-120	8 x 120	PU: 100



Wood bolt with plate head and cutting notch, VA

943218-080	8 x 80	PU: 100
943218-100	8 x 100	PU: 100
943218-120	8 x 120	PU: 50



Wood bolt with plate head zinc plated

942208-080	8 x 80	PU: 50
942208-100	8 x 100	PU: 50
942208-120	8 x 120	PU: 50



119016-000	Sealing with plate head bolts diam 8 EPDM
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BOLTS AND SMALL PARTS

SEVERAL APPLICATION AREAS

NUTS AND WASHERS

For use in several Classic and ProLine systems



Washer large, V2			
943000-043	M8	DIN EN ISO 7093-1	PU: 100
943000-056	M10	DIN EN ISO 7093-1	PU: 100



Hammer head nut		
942000-902	Pro hammerhead nut	PU: 100

Made of steel with zinc flake coating, suitable for screwing with stainless steel bolts



Flange nut with locking teeth, A4			
943000-015	M8	DIN EN 1661	PU: 100
943912-010**	M10	DIN 6923	PU: 100
943000-022	M10	DIN EN 1661	PU: 100

** Item will be discontinued. Available while stocks last.



Nut self-locking, A4			
943001-240	M8	DIN EN ISO 7040	PU: 500



PLEASE NOTE: All lock nuts in all designs and grades are disposable and lose their clamping effect when screwed on and unscrewed.



KLICKNUT AND KLICKIN

For use in Classic systems



Square nut, A4

943914-008	Square nut M8, A4 Can be combined with Klicknut M8 and click-in component	PU: 100
943914-010	Square nut M10, A4 Can be combined with Klicknut M8 and click-in component	PU: 100



KlickIn component, A4

129010-008	KlickIn component for M8 nut For simplified insertion of the M8 square nut, at any location on the KlickIn nut M8	PU: 100
129010-001	KlickIn component for M10 nut For simplified insertion of the M10 square nut, at any location on the KlickIn nut M10	PU: 100

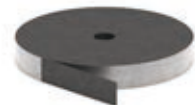


EPDM RUBBER INSERT 3 MM SELF-ADHESIVE

UV-resistant material



973000-041	EPDM rubber self-adhesive 48 mm wide	Reel with 50 m
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CABLE ROUTING

ACCESSORIES

CABLE CLAMPS

Fastener made of UV- and temperature-resistant plastic



129065-008 Proklip-Multi 8		PU: 100
Rails	Systems	Cable quantity*
Click or bolt channel M8, Module support rail S, Module support rail Solo, Eco05, FixZ-7, FixZ-15	FixZ-7, FixZ-15, system FS, carport, special projects	approx. 6



129065-018 Proklip-Multi PS		PU: 100
Rails	Systems	Cable quantity*
Click channel for module support rail Pro35, Pro50, Pro70, Pro100	FixGrid Pro (the thin sheet metal bolt 943000-700 must be ordered sepa- rately for the use with FixGrid Pro)	approx. 6



129065-001 Proklip-Multi 10S		PU: 100
Rails	Cable quantity*	
Solo and clamp channel	approx. 4	

* Starting from a 6 mm² cable with a cable diameter of 6 mm.



FASTENING BINDER

Cable tie length: 200 mm



149023-001 Mounting clips 1.0 – 3.0 mm, upper guide		PU: 100
Fastening on edges with a width of 1.0 – 3.0 mm		



149023-002 Mounting clips 1.0 – 3.0 mm, lateral guide		PU: 100
Fastening on edges with a width of 1.0 – 3.0 mm		





LIGHTNING PROTECTION CLAMPS

Matching the clamp channels of the Schletter mounting rails



135003-002 Grounding and lightning protection clamp A2 M8

PU: 20

Clamping range Rd 8 – 10 mm
Connection single/multi-wire 4 – 50 mm²
For the upper clamp channel



135003-022 Grounding and lightning protection clamp Pro A2 M8

PU: 20

Clamping range Rd 8 – 10 mm
Connection single/multi-wire 4 – 50 mm²
For the upper clamp channel



135003-000 Lightning protection clamp for 8 mm

PU: 20

Aluminum completely pre-assembled (for DM 8 mm wiring)
For the lower clamp channel



GROUNDING METAL SHEETS

For module grounding (not suitable for laminate clamps)



135004-000 Grounding metal sheet

PU: 100



135004-020 Pro grounding metal sheet

PU: 100



PUNCHED MOUNTING TAPE

Made of aluminum alloy



119015-002 Punched mounting tape 6 - Reel 50 m each

PU: 1

Cross section 9.36 mm²



119015-003 Punched mounting tape 16 - Reel 50 m each

PU: 1

Lightning current capable with 25.2 mm² cross section



SAMPLE CASE

ROOF SYSTEMS

ROOF SYSTEMS SAMPLE CASE

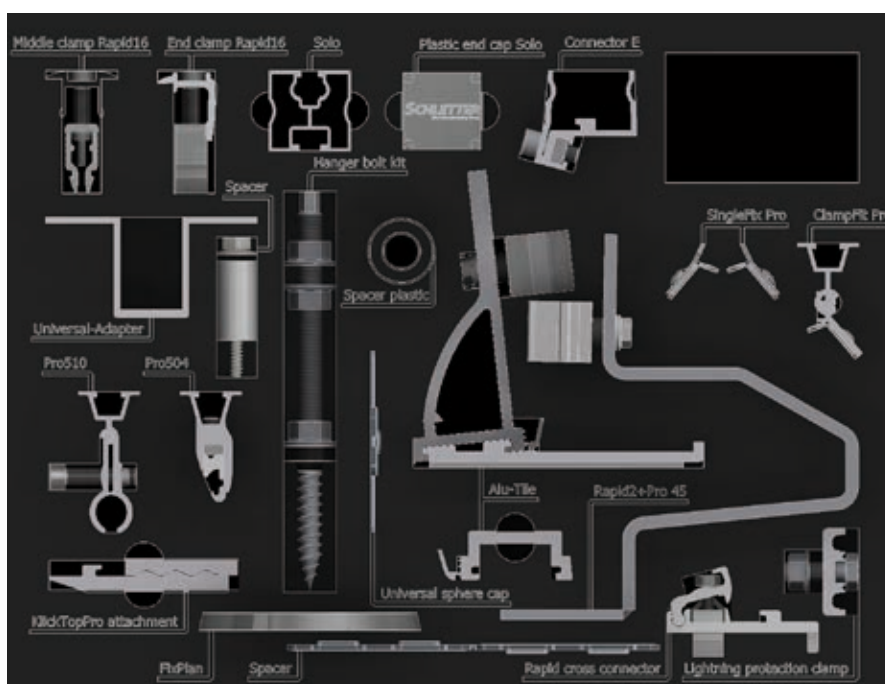
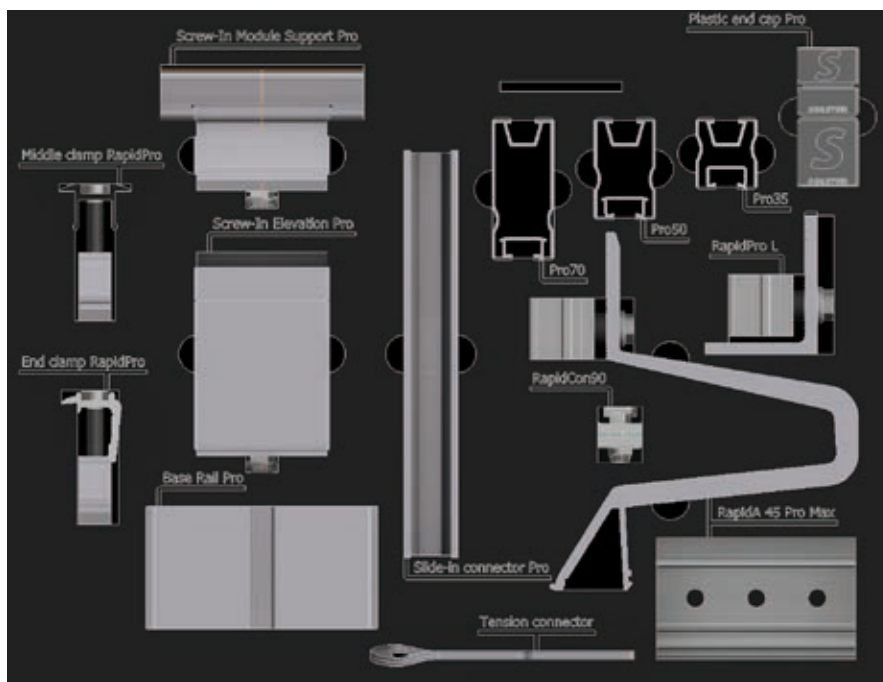
All major product examples of the Schletter mounting systems



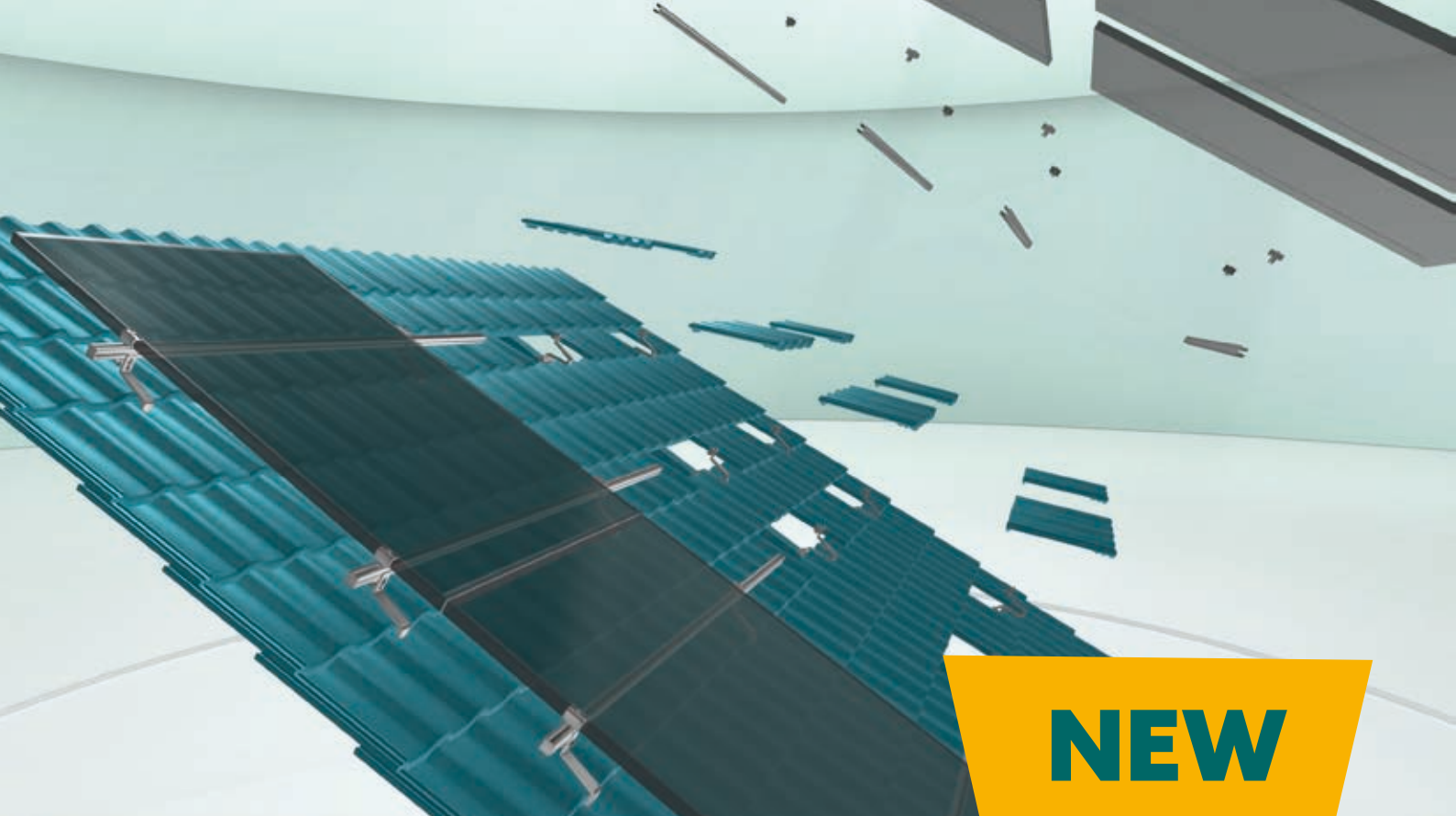
195000-397 Roof systems sample case

Upon request

Similar illustrations



NOTES



NEW

WANT TO GET CLOSER? NOW YOU CAN.

We recently opened the doors to the House of Schletter—our new, digital home designed for installers, wholesalers, and anyone else who supports solar alongside us.

Inside, you can interact with life-like, digital replicas of some of our most popular products, and learn all you need to know about them in a way that's far more immersive than any manual or handbook.

You can also put our tracking system to the ultimate test in our weather lab, which allows you to control the elements and see exactly how our system adapts to them.

Everyone's welcome at the House of Schletter—so put the brochure down for a moment, and dive in. Just visit houseofschletter.schletter-group.com, or scan the QR code.





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For comprehensive advice on project planning, order processing, and logistics, please feel free to get in touch. We're here to help.



SCHLETTER SOLAR GMBH
Alustraße 1, 83527 Kirchdorf, Germany

www.schletter-group.com