

SCHLETTER

COMPONENT OVERVIEW

2023/2



EN

NEW SERIES LABELLING

We would like to make it easier for you to select the products by using the icons. At a glance, you can see which item fits which system. Of course, our expert technicians will continue to be at your disposal should you have any questions in this regard.



**COMPATIBLE WITH OUR
STANDARD SERIES**



**COMPATIBLE WITH OUR
PROLINE SERIES**

GENERAL INFORMATION

MATERIALS:

Roof hooks and their main components:
High-grade steel with zinc flake coating, stainless steel 1.4301 or aluminium

Screws:
Stainless steel A2 or better

Sheet metal parts:
Stainless steel 1.4301 or aluminium

Module clamps:
Aluminium

Rubber seal:
EPDM gasket (UV-resistant)

Deviating materials are described with the individual items.

PLANNING AID:

Configuration and structural dimensioning with the Schletter Configurator.

STRUCTURAL ANALYSIS:

Static 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 make sure you observe the structural analysis information in each case! The verification of the adhesive force of the roof to the substructure is not included in the general structural analysis appendices!

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.

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PRESENTATION

- + BROCHURES AND SOFTWARE
- + SAMPLE CASE

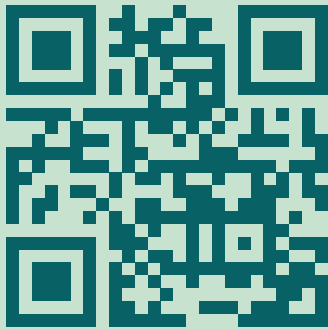


BROCHURES AND SOFTWARE

PRESENTATION

The latest brochures, product sheets, mounting instructions and further technical information as well as software can always be found in the download area of www.schletter-group.com.

Upon request, we will also gladly send you our brochures in digital format.



WWW.SCHLETTER-GROUP.COM



SAMPLE CASE

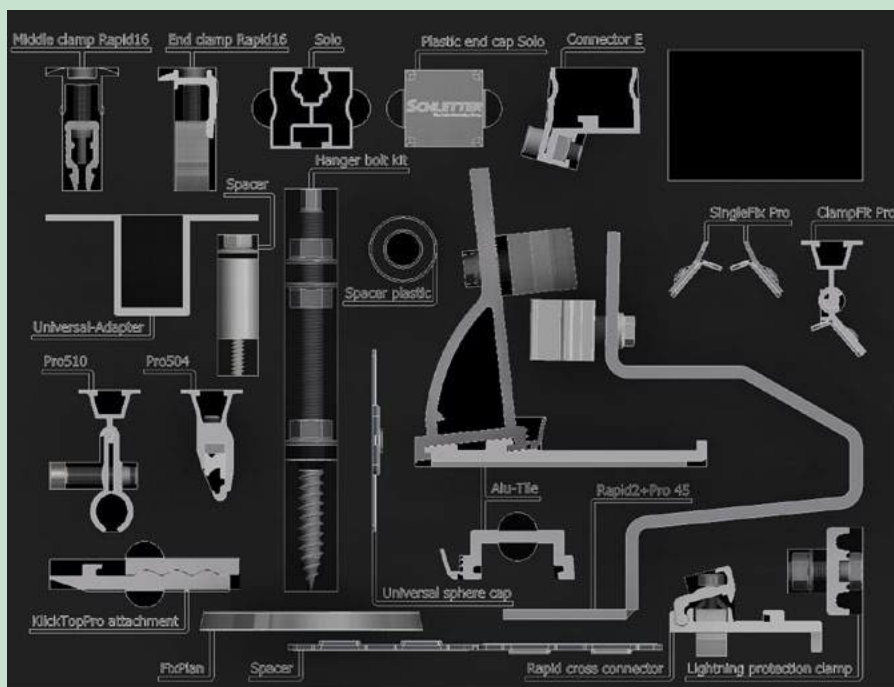
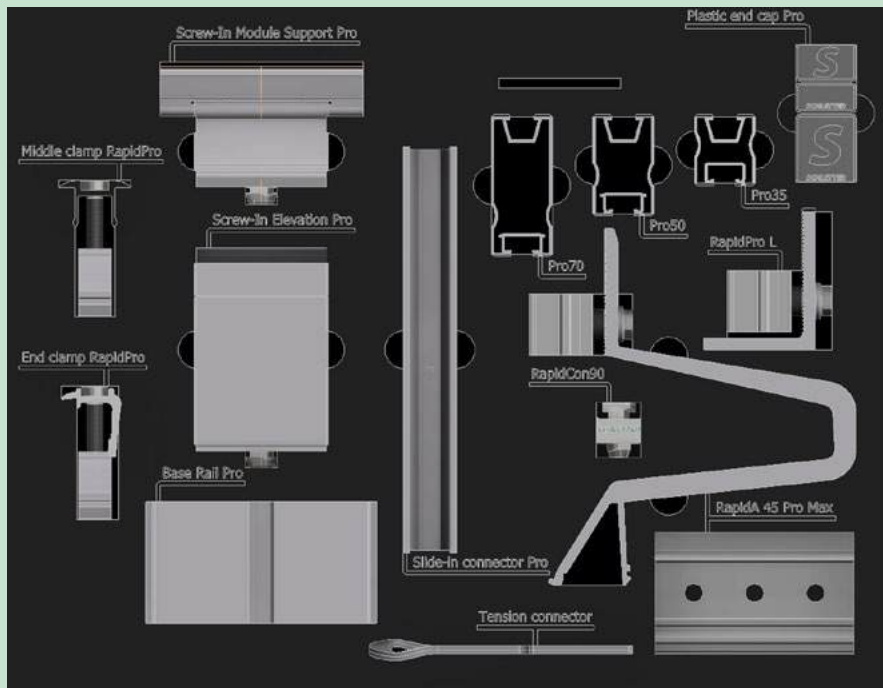
PRESENTATION

UPON REQUEST!

195000-397 Sample case of roof and standard systems
Contains samples of major products of the Schletter mounting systems

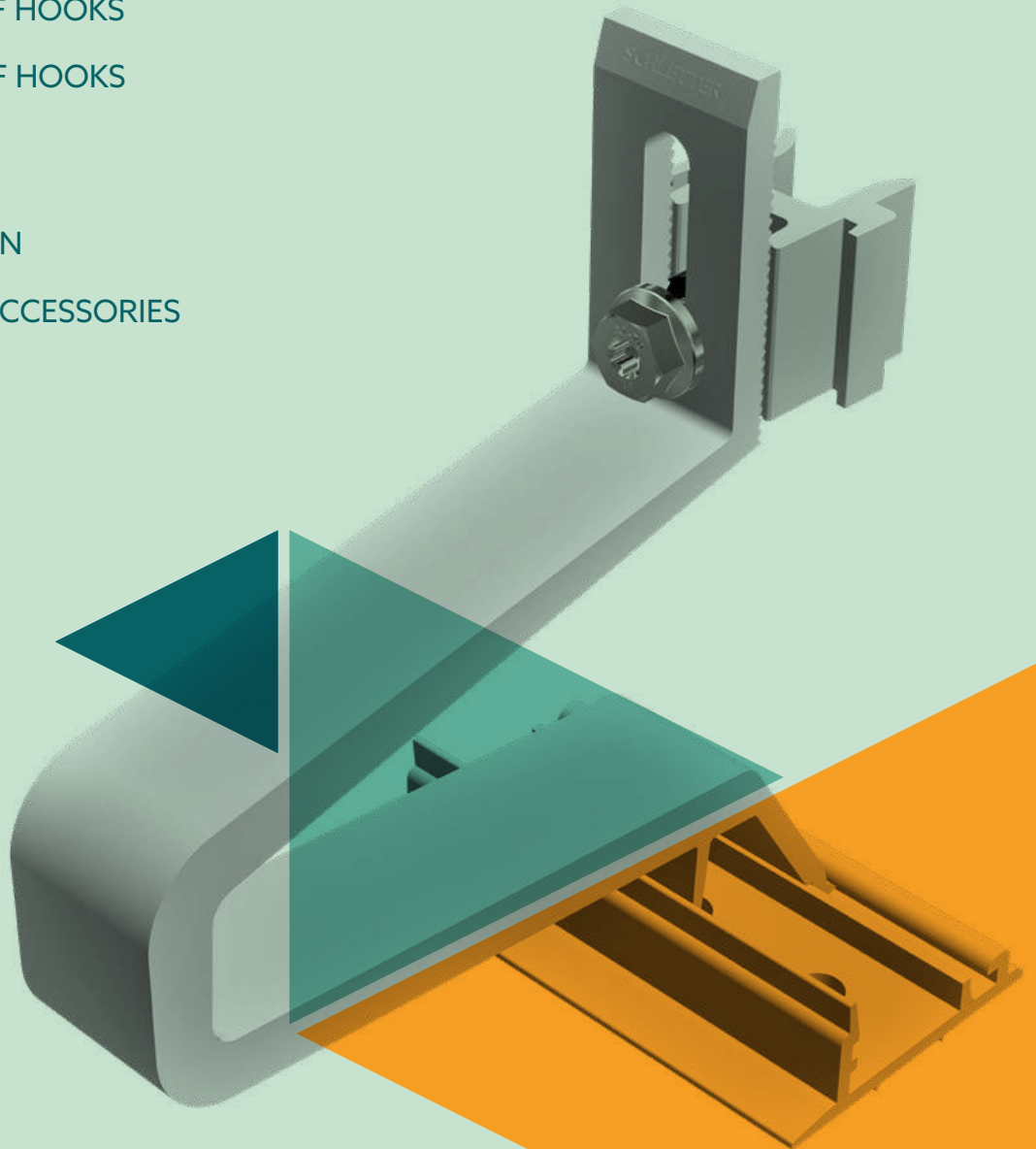


Similar illustrations



ROOF HOOKS

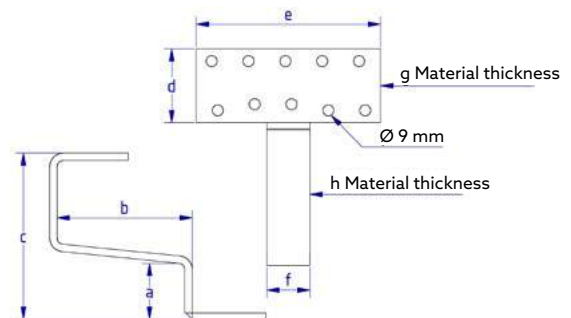
- + STANDARD ROOF HOOKS
- + RAPID²⁺ PRO ROOF HOOKS
- + PRO HSL ROOF HOOKS
- + PROLINE ROOF HOOKS
- + ALU-TILE
- + ROOF HOOKS,
SPECIAL DESIGN
- + ROOF HOOK ACCESSORIES



STANDARD ROOF HOOKS

ROOF HOOKS

- All roof hooks made of stainless steel
- Adjustable hooks completely pre-assembled



ROOF HOOKS ECO S

- VA quality
- Welded
- Symmetric bar arrangement



100004-000 Eco S 135 roof hooks (normal height 135 mm)

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



100007-000 Eco S 165 roof hooks (normal height 165 mm)

	a	b	c	d	e	f	g	h	
mm	45	110	165	60	150	35	5	6	PU: 20



UNIVERSAL ROOF HOOKS

- VA quality
- Variable bar arrangement
- Adjustable at the front and rear
- Centre bar can be used in three positions



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

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



NOTE: Please order wood screws, square head screws (M10 x 25 mm) and flange nuts separately!



"STANDARD" PROFILE

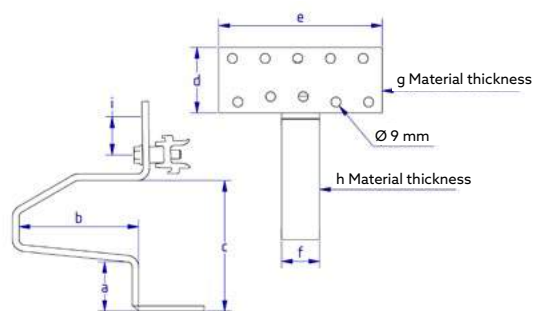


"PROLINE" PROFILE

RAPID²⁺ PRO ROOF HOOKS

ROOF HOOKS

- VA quality
- Welded
- Symmetric bar arrangement
- Pre-assembled



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

Comparable to: Eco S 100004-000.



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

Like 101001-020, but 35 mm / 1.38-inch fork height for low battens.



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

Universally adjustable, for vertical rail mounting - comparable with: Universal 100001-000.



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

Like 101001-020, but bar 35 x 8 mm / 1.38 x 0.31 inches 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

Like 101005-020, but measure b 150 mm.



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

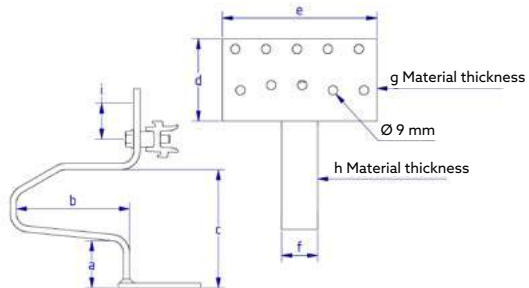
Like 101005-020, but for vertical rail mounting.



PRO HSL ROOF HOOKS

MADE OF HIGH-GRADE STEEL, ESPECIALLY FOR
HEAVY SNOW LOADS

- High-grade steel, welded
- Surface with zinc flake coating
- Symmetric bar arrangement
- Pre-assembled



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



"STANDARD" PROFILE

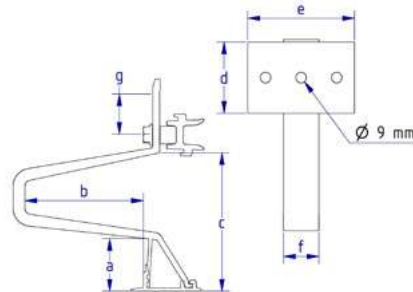


"PROLINE" PROFILE

PROLINE ROOF HOOKS

MADE OF ALUMINIUM. LIGHTWEIGHT, ECONOMICAL AND EFFICIENT

- Material: Aluminium
- Mounting with only one bolt
- Variable bar arrangement
- Clamping part pre-assembled



101020-220* RapidA 35 Pro Max roof hooks

	a	b	c	d	e	f	g	
mm	35	92	107	60	100	30	30	PU: 30

*Expected to be available from Q1/2023



100020-100 EcoA 45 Max roof hooks

	a	b	c	d	e	f	
mm	45	98	116	60	100	30	PU: 20

Connection possibilities for all common Schletter profiles; for use with higher snow loads.



101020-120 RapidA Pro 45 Max roof hooks

	a	b	c	d	e	f	g	
mm	45	98	116	60	100	30	30	PU: 30

For use with higher snow loads.



101024-120 RapidA 45 Pro Universal Max roof hooks

	a	b	c	d	e	f	g	
mm	45	98	116	60	100	30	30	PU: 20

For use with higher snow loads.



ALU-TILE

ROOF HOOKS

- Replaces a complete roof tile. Please order roof hook set separately.
- Especially for areas with heavy snow loads.
- System hooks with sheet metal replacement tiles in aluminium, EPDM screw seal, load support in plastic with A2 stainless-steel screw.

SHEET METAL REPLACEMENT TILES

MANUFACTURER	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	
E58	103005-015	
Forma	103005-024	
Linea	103005-049	
Reform pantile XXL	103005-057	
ETERNIT		
Heidelberger	103005-006	
CREATON (FORMERLY MEINDL)		
Rustico	103005-004	
MZ3 NEW	103005-112	



ALU-TILE PRO ROOF HOOK SET

Consists of system hook, screw seals and load support



103006-020 Alu-Tile Pro roof hook set

PU: 10



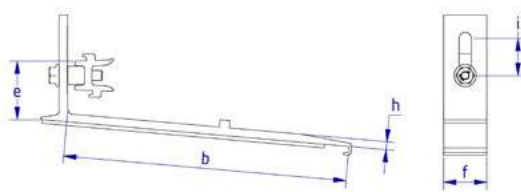
"STANDARD" PROFILE



"PROLINE" PROFILE

SPECIAL DESIGN

ROOF HOOKS



SHEET METAL REPLACEMENT TILES AND ROOF HOOK SETS FOR RAPID BEAVER TAIL INCL. MOUNTING SET



109016-007 BEZ Rapid beaver tail AL 180 x 380

PU: 20

109019-020 Roof hooks for Rapid Pro aluminium beaver tail

PU: 20

	a	b	c	d	e	f	g	h	i
mm	-	228	-	-	48	35	-	7	30



109016-009 BEZ Rapid beaver tail AL 170 x 380

PU: 20

109019-020 Roof hooks for Rapid Pro aluminium beaver tail

PU: 20

	a	b	c	d	e	f	g	h	i
mm	-	228	-	-	48	35	-	7	30



109016-010 BEZ Rapid beaver tail AL 190 x 400

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



109016-008 BEZ Rapid beaver tail Cu 180 x 380

PU: 20

109019-021 Roof hooks for Rapid Pro beaver tail

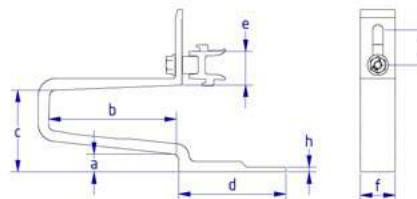
PU: 20

	a	b	c	d	e	f	g	h	i
mm	-	232	-	-	50	35	-	6	30



SPECIAL DESIGN

ROOF HOOKS



RAPIDA PRO 2L ROOF HOOKS

Roof hooks for system roofs made of roof insulation elements



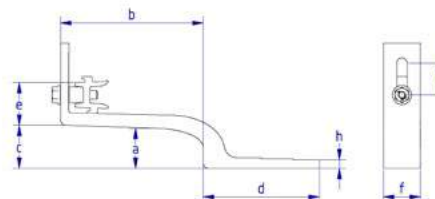
101028-020* RapidA Pro 2L roof hooks									PU: 30
	a	b	c	d	e	f	g	h	i
mm	15	110	70	92	30	30	-	4	30

*Expected to be available from Q1/2023



RAPID²⁺ PRO SLATE ROOF HOOKS

- Quick and easy installation
- Suitable for many shingle types
- For slate overlaps up to 125 mm
- Roof panel with flexible corrugated strip
- Direct load on rafters



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

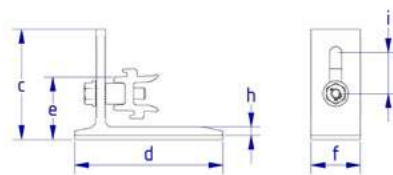


109017-010 Shingle for roof hook Rapid2+ Pro Slate125									PU: 20
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SPECIAL DESIGN

ROOF HOOKS

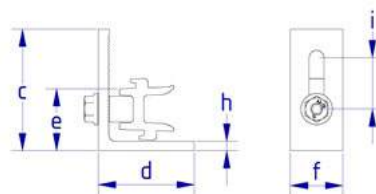


RAPID²⁺ PRO SML

For mounting on the metal shingle



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



RAPID PRO L

Angle attachment for connecting profiles of the ProLine series



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



"STANDARD" PROFILE



"PROLINE" PROFILE

ACCESSORIES

ROOF HOOKS

973000-075 Shim roof hook 2.5/5 mm

PU: 100



973000-683 Roof hook sealing tape grey TP600 10 m

PU: 15



109008-003 RapFix – extension for Eco roof hooks

PU: 50

Especially for roof hooks that are not available as a Rapid version



109008-023 RapFix Pro – extension for Eco roof hooks

PU: 50

Especially for roof hooks that are not available as a Rapid version



925120-002 Spacer sleeve, plastic, 1 m

- For rafter insulation
- Usable as a spacer sleeve for rafter insulation in connection with extra-long fastening screws
- Plastic version prevents cold bridges
- Cut to desired length
- Order screws separately!
- Note reduced load for roof hooks!



109010-000 Additional bracket Iso07

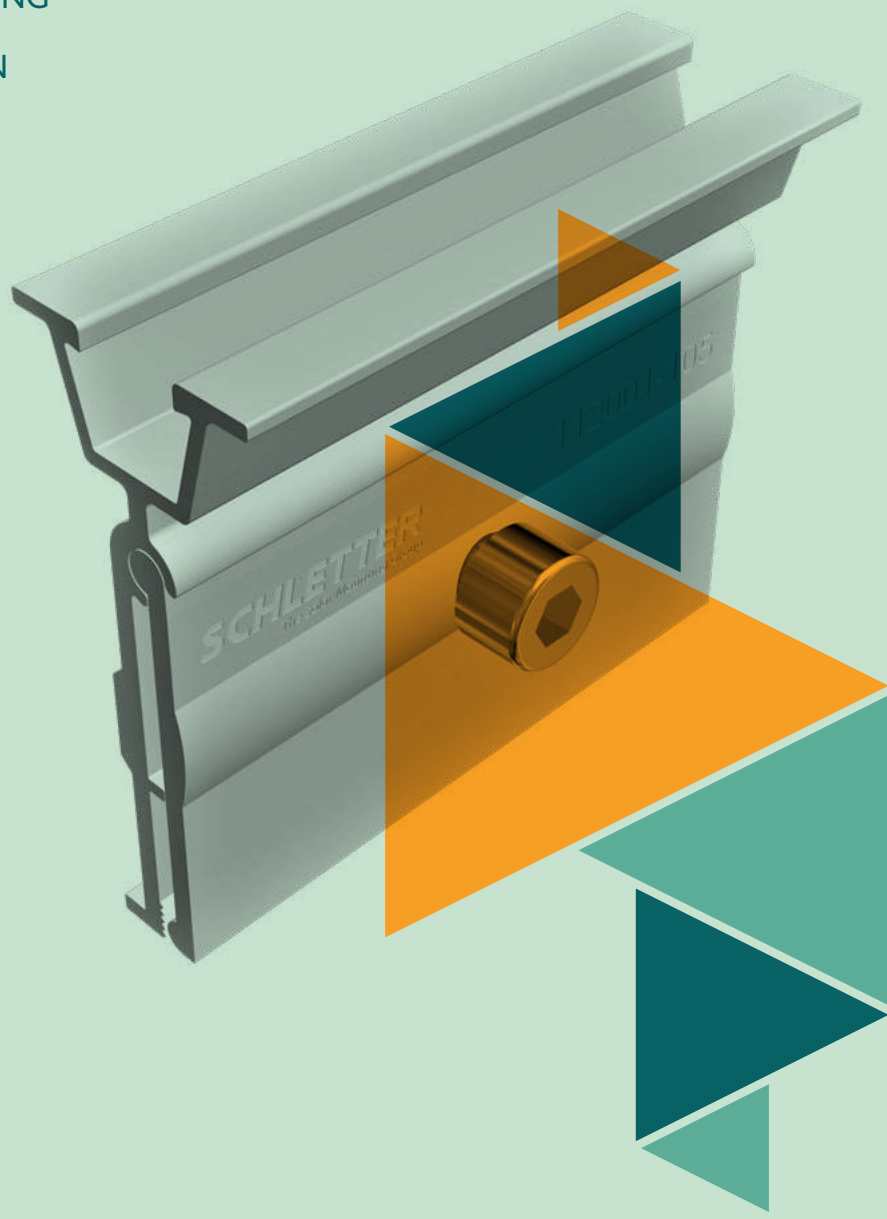
PU: 20

For roof hook fastening, system Iso07



SPECIAL FASTENERS

- + SPECIAL FASTENERS FOR ROOFS WITH STEEL SUB-STRUCTURE
- + SPECIAL FASTENERS FOR ROOFS WITH WOODEN SUBSTRUCTURE
- + SPECIAL FASTENERS ACCESSORIES
- + SHEET METAL SEAM CLAMPS
- + PRO SHEET METAL SEAM CLAMPS
- + TRAPEZOIDAL SHEET FASTENING
- + BITUMEN ROOF CONNECTION



SPECIAL FASTENERS FOR ROOFS WITH STEEL SUBSTRUCTURE

ROOFING: CORRUGATED ROOFS & TRAPEZOIDAL SHEET

THREADED SCREW, SELF-GROOVING, VA



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.



119033-002	Uno M8 universal adapter	PU: 50
119005-000	Seal cap corrugated sheet 5 / 6 / 8	PU: 50
119004-003	Spacer sleeve AL 995 x 20*	PU: 30

Rapid cross connectors (item 129063-000), Rapid Pro cross connectors (129063-010) and threaded screws must be ordered separately.

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

+ Adapter

= ready to use fastening systems



"STANDARD" PROFILE



"PROLINE" PROFILE

SPECIAL FASTENERS FOR ROOFS WITH STEEL SUBSTRUCTURE

ROOFING: CORRUGATED ROOFS & TRAPEZOIDAL SHEET

FIXING ON STEEL PURLINS



+ Adapter

= ready to use fastening systems

119033-002	Uno M8 universal adapter	PU: 50
119005-001	Universal calotte with EPDM	PU: 50

Rapid cross connectors (item 129063-000) and Rapid Pro cross connectors (129063-010) must be ordered separately.



DOUBLE FIXING ON STEEL PURLINS



x 2

x 2

119033-002	Uno M8 universal adapter	PU: 50
119005-001	Universal calotte with EPDM	PU: 50

For each mounting point, 2 threaded screws must be calculated. Additionally, the upper profile and the necessary mounting screws must be considered.



"STANDARD" PROFILE



"PROLINE" PROFILE

SPECIAL FASTENERS FOR ROOFS WITH WOODEN SUBSTRUCTURE

ROOFING: CORRUGATED ROOFS & TRAPEZOIDAL SHEET

HANGER BOLT

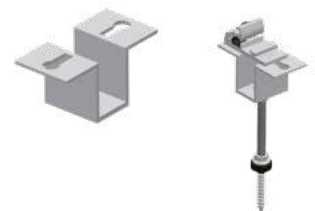
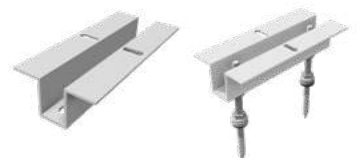
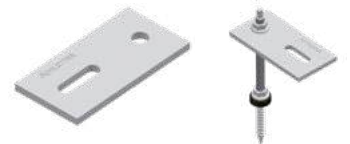
		 
110010-200	Hanger bolt set 10 x 200 mounted	PU: 50
110012-200	Hanger bolt set 12 x 200 mounted	PU: 50
110012-300	Hanger bolt set 12 x 300 mounted	PU: 50
Hanger bolt set pre-assembled with vulcanized EPDM seal (UV resistant) and 3 flange nuts in V4A, mounted.		
		 
119002-000	Mounting plate for hanger bolts M10 / M12 For hanger bolts M10 / M12, loose, aluminium 120 x 60 x 6 mm	PU: 50
		 
119001-020	KlickTop Pro extension part for hanger bolt For hanger bolts M10 / M12, loose, aluminium	PU: 50
		 
119033-004	Universal adapter Duo M10 / M12 For hanger bolts M10 / M12, loose, aluminium	PU: 50
		 
119033-001	Universal adapter Uno M10 / M12 For hanger bolts M10 / M12, loose, aluminium	PU: 50

Rapid cross connectors (item 129063-000) and Rapid Pro cross connectors (item 129063-010) must be ordered separately.

NOTE: For corrugated sheets (such as those of fiber cement) or trapezoidal sheet roofs, corrugated roof fastening sets consisting of a special hanger bolt with EPDM seal and a mounting plate are used. Please note that illustrations and thread lengths may vary!



+ Adapter = ready to use fastening systems



ACCESSORIES

SPECIAL FASTENERS

FIXPLAN - IN CONNECTION WITH HANGER BOLTS

The alternative for level sheet metal roofs for which fastening on the fold is not possible (e.g. titanium zinc sheet roofs).

114003-000	FixPlan sealing plate	PU: 50
114004-000	Bituplan additional seal for FixPlan For mounting with bitumen coverings	PU: 100



SLATEPLAN FOR ATTACHMENT WITH HANGER BOLTS

SlatePlan can be used on roofs with shingle covers, such as from bitumen, fiber cement or slate, for connection by hanger bolt systems.

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



SHEET METAL SEAM CLAMPS

SPECIAL FASTENERS

NOTE: The tightening torque must be limited so that the sheet metal seam does not become distorted and the thermal expansion of the sheets is not prevented!

SHEET METAL SEAM CLAMPS

112001-000	Seam clamp 503 VA for standing seam roof Please note: For titanium zinc sheets, it must be checked whether the standing seams can be loaded!	PU: 50
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112001-005	Seam clamp 503 Rapid for standing seam roof	PU: 50
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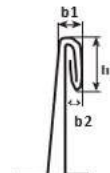


112001-010	Seam clamp 504 for standing seam roof Especially suitable for double standing seam roofs made of titanium zinc sheet	PU: 50
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Possible dimensions of the border fold (dimension drawing)
 $h = 11 - 13 \text{ mm}$, $b1 = 4 - 6 \text{ mm}$, $b2 = \text{max. } 3 \text{ mm}$

The 504 seam clamp was developed together with the Rheinzink company for use on double standing seam roofs made of titanium zinc sheet and approved by Rheinzink. The profiles mounted on the standing seam clamps must not exceed a length of about 3 m without thermal separation.



112002-003	Seam clamp 510 Rapid; especially suitable for standing seam roofs from Kalzip*, Bemo*	PU: 50
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*All trademarks mentioned herein are the property of the respective owners.

112003-003	Seam clamp 520 Rapid Zambelli RibRoof 465 and similar	PU: 50
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"STANDARD" PROFILE



"PROLINE" PROFILE

SHEET METAL SEAM CLAMPS

SPECIAL FASTENERS

SHEET METAL SEAM CLAMPS

112004-002	Seam clamp 522 Rapid for Zambelli RibRoof 500 and similar	PU: 50	
112006-002	Seam clamp 524 Rapid for Fischer KlipTec and similar	PU: 50	
112007-000	Seam clamp 525 VA for Domico Domitec and similar	PU: 50	 
112012-007	Seam clamp 551 for KlipLok 700 / 406 for KlipLok 700 HiStrength, KlipTite and similar	PU: 100	



ATTACHMENT FOR SEAM CLAMPS

129063-000	Rapid cross connector Completely pre-assembled for Klicknut M8 For cross rail system See Rapid cross connector product sheet	PU: 200	
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"STANDARD" PROFILE



"PROLINE" PROFILE

PRO SHEET METAL SEAM CLAMPS

SPECIAL FASTENERS

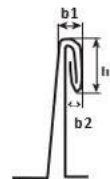
SHEET METAL SEAM CLAMPS

		
112001-105 Seam clamp Pro 503 for standing seam roof	PU: 50	

		
112001-110 Seam clamp Pro 504 for standing seam roof Especially suitable for double standing seam roofs made of titanium zinc sheet	PU: 50	

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 Rheinzink company for use on double standing seam roofs made of titanium zinc sheet and approved by Rheinzink. The profiles mounted on the standing seam clamps must not exceed a length of about 3 m without thermal separation.



		
112002-103 Seam clamp Pro 510; especially suitable for standing seam roofs from Kalzip®, Bemo®	PU: 50	

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

		
112003-103 Seam clamp Pro 520 Zambelli RibRoof 465 and similar	PU: 50	

NOTE: The tightening torque must be limited so that the sheet metal seam does not become distorted and the thermal expansion of the sheets is not prevented!



"STANDARD" PROFILE



"PROLINE" PROFILE

PRO SHEET METAL SEAM CLAMPS

SPECIAL FASTENERS

SHEET METAL SEAM CLAMPS

		
112004-102	Seam clamp Pro 522 for Zambelli RibRoof 500 and similar	PU: 50
112006-102	Seam clamp Pro 524 for Fischer KlipTec and similar	PU: 50
112012-107	Seam clamp Pro 551 for KlipLok 700 / 406 For KlipLok 700 HiStrength, KlipTite and similar	PU: 100
112012-112	Seam clamp Pro 562 Universal	PU: 50



ATTACHMENT FOR SEAM CLAMPS

		
129063-002	RapidCon90	PU: 100
or:		
129063-020*	Rapid cross connector 90 Pro Completely pre-assembled for ProLine channel For ProLine series cross rail systems	PU: 150



*Available from the end of Q2/2023

TRAPEZOIDAL SHEET CONNECTION

SPECIAL FASTENERS

SINGLEFIX

The universal trapezoidal sheet fastener for steel and aluminium sheet from 0.5 mm. Pay special attention to the usage notes!

		 
113009-003	SingleFix Pro for corrugation heights from 22 mm (1 piece) Screws must be ordered separately as needed (2 pieces for each SingleFix Pro)	PU: 100
943000-700	Thin sheet metal screw 5.5 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with SingleFix Pro. For use on sandwich panels approved for this purpose.	PU: 100
943000-360	Thin sheet metal screw 6.0 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with SingleFix Pro.	PU: 100
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket For use outside Germany, France and the UK in conjunction with SingleFix Pro.	PU: 100
		
120011-00450	EcoLight 450 mm module support profile	PU: 50
		
120020-00450	Pro 35 450 mm module support profile	PU: 50
		
121010-202	FixZ-7 system profile18 lower 450 mm	PU: 25
		
121001-202	FixZ-7 system profile18 upper 450 mm	PU: 25
		
121009-202	FixZ-15 system profile18 lower 450 mm	PU: 25
		
121008-202	FixZ-15 system profile18 upper 450 mm	PU: 25



2 pieces

+



4 pieces

↓
+ Profile



↓
Mounting kit



"STANDARD" PROFILE



"PROLINE" PROFILE

TRAPEZOIDAL AND BITUMEN ROOF CONNECTION

SPECIAL FASTENERS

CLAMPFIT

The cost-optimised trapezoidal sheet fastener system for steel and aluminium sheet from 0.5 mm. Pay special attention to the usage notes!



130004-200*	ClampFit - Screws must be ordered separately as needed (2 pieces for each ClampFit)	PU: 100
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*Item will be discontinued at the end of the 4th quarter of 2022

943000-700	Thin sheet metal screw 5.5 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with ClampFit. For use on sandwich panels approved for this purpose.	PU: 100
943000-360	Thin sheet metal screw 6.0 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with ClampFit.	PU: 100
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket For use outside Germany, France and the UK in conjunction with ClampFit.	PU: 100



130004-300	ClampFit Pro - Screws must be ordered separately as needed (2 pieces/ClampFit Pro)	PU: 100
943000-700	Thin sheet metal screw 5.5 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with ClampFit Pro. For use on sandwich panels approved for this purpose.	PU: 100
943000-360	Thin sheet metal screw 6.0 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with ClampFit Pro.	PU: 100
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket For use outside Germany, France and the UK in conjunction with ClampFit Pro.	PU: 100

ECORAPID

The universal fastening system for self-supporting trapezoidal sheet roofs and sandwich elements. Pay special attention to the usage notes!



113014-000	EcoRapid - clamp directly on frame, for corrugation heights from 22 mm Screws must be ordered separately as needed. EcoRapid on the edge of module field: 2 screws. EcoRapid in centre of module field: 1 screw.	PU: 200
943000-700	Thin sheet metal screw 5.5 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with EcoRapid.	PU: 100
943000-360	Thin sheet metal screw 6.0 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with EcoRapid.	PU: 100
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket For use outside Germany, France and the UK in conjunction with EcoRapid.	PU: 100

FIX T-K

The innovative fastener for bitumen roofs on wood casings.



119014-012	Fix T-K	PU: 50
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PLEASE NOTE: Accessories 973000-041 EPDM rubber (page 72)



119014-212	Fix T-K Pro	PU: 50
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PLEASE NOTE: Accessories 973000-041 EPDM rubber (page 72)



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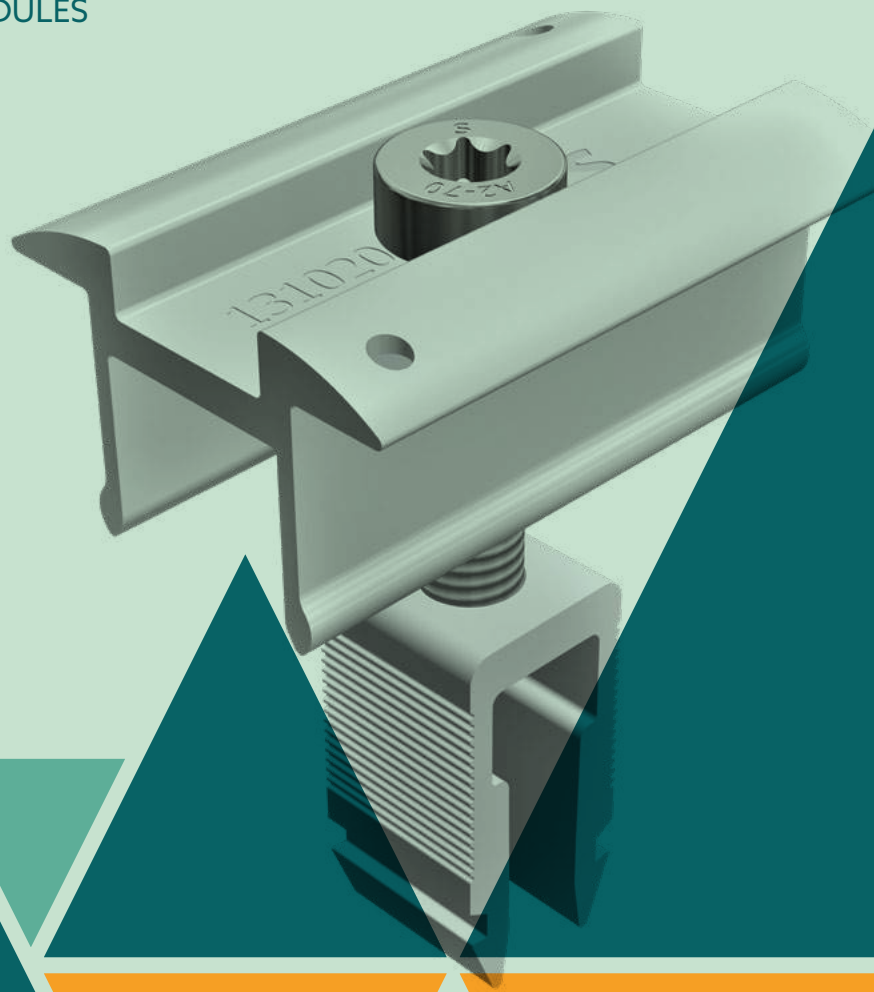


+



MODULE CLAMPS

- + RAPID16 MODULE CLAMPS
- + RAPIDPRO MODULE CLAMPS
- + CLAMPS FOR LAMINATE MODULES
- + CLAMPS ACCESSORIES



MODULE CLAMPS FOR FRAMED MODULES

MODULE CLAMPS

RAPID16 AL MODULE CLAMP SYSTEM, CLAMPING LENGTH: 50 MM

AL BLANK	BLACK ANODIZED	ITEM NAME	INSTALLATION TYPE	
131121-002	131121-902	Centre 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	Centre 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

CLAMPING LENGTH: 100 MM

131121-111		Centre clamp Rapid16 30 – 40 L	V + H	PU: 100
131101-101		End clamp Rapid16 30 – 40 L	V	PU: 50



"STANDARD" PROFILE



"PROLINE" PROFILE

MODULE CLAMPS FOR FRAMED MODULES

MODULE CLAMPS

PROLINE AL MODULE CLAMP SYSTEM

- Clamping length: 50 mm
- Clamp height: 30 - 47 mm
- Only for profiles of the ProLine series!



AL BLANK	ITEM NAME	INSTALLATION TYPE	
131020-001	RapidPro centre clamp	V + H	PU: 100



131020-000	RapidPro end clamp	V + H	PU: 50
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BLACK ANODIZED			
131020-901	RapidPro centre clamp	V + H	PU: 100



131020-900	RapidPro end clamp	V + H	PU: 50
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"STANDARD" PROFILE



"PROLINE" PROFILE

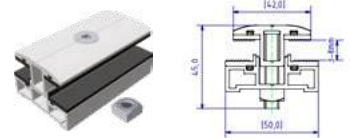
CLAMPS FOR LAMINATE MODULES

MODULE CLAMPS

PROFI LAMINATE SERIES

- For laminate thicknesses 3 – 8 mm
- For various module thicknesses
- Glass inset: Profi narrow 11 mm, Profi wide 15 mm
- Length: 80 mm, clearance between modules: approx. 20 mm
- Incl. countersunk screw and square nut

132201-308	Profi centre clamp narrow 3 – 8 mm set	PU: 100
132101-308	Profi end clamp narrow 3 – 8 mm set	PU: 100
132202-308	Profi centre clamp wide 3 – 8 mm set	PU: 100
132102-308	Profi end clamp wide 3 – 8 mm set	PU: 100



ECO LAMINATE SERIES

- Length of aluminium clamp: 70 mm
- Glass inset: 11 mm
- clearance between modules: approx. 22 mm (no compression of the laminate)

133264-168	Eco6-S4 centre clamp laminate 6.8 mm set	PU: 100
133164-168	Eco6-S4 end clamp laminate 6.8 mm set	PU: 100



With M8 x 20 accessories, without click-in component, with aluminium clamp surrounding EPDM rubber.

Certified clamps for First Solar series 4 modules made of highly insulated EPDM rubber material. The certification can be found in the download area at www.schletter-group.com.

ATTENTION: Note the tightening torque! See also:
Laminate mounting – General information



"STANDARD" PROFILE

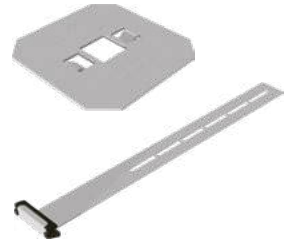


"PROLINE" PROFILE

LAMINATE CLAMP ACCESSORIES

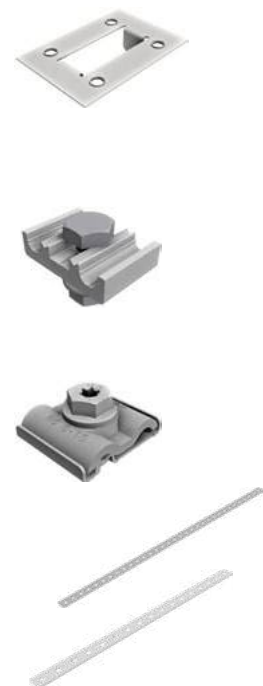
MODULE CLAMPS

AL BLANK		
139004-000	Bearing plate for Eco module clamp For raising the bearing surface	PU: 200
AL BLANK		
139008-006	Safety hooks, laminate 3 – 8 mm	PU: 100



LIGHTNING PROTECTION AND EQUIPOTENTIAL BONDING

135004-000	Ground plate For module grounding, not for laminate clamps!	PU: 100	
135003-000	Lightning protection clamp for 8 mm AL completely pre-assembled (for DM 8 mm wiring)	PU: 20	 
135003-002	Grounding and lightning protection clamp VA M8 Clamping range Rd 8 – 10 mm Connection single/multi-wire 4 – 50 mm²	PU: 20	
119015-002	Punched mounting tape 6 – Reel with 50 m	PU: 1	
119015-003	Punched mounting tape 16 – Reel with 50 m Lightning resistant	PU: 1	



"STANDARD" PROFILE



"PROLINE" PROFILE

PROFILES

- + MODULE SUPPORT AND MOUNTING PROFILES
- + PROFILE ACCESSORIES



MODULE SUPPORT AND MOUNTING PROFILES

PROFILES

The series for the proven click system with the right accessories.
Mounting with square nut, click system and Rapid²⁺

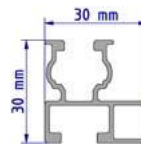
- Structural analysis tables for cross beams
- Load determination software on the Internet: www.schletter-group.com (Services/Calculator)

MODULE SUPPORT PROFILE ECOLIGHT

MECHANICAL CONNECTION

Upper: KlickNut M8

Lower: Screw channel M10



AL BLANK	
120011-04400**	4400 mm
120011-05500**	5500 mm

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.

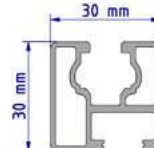


MODULE SUPPORT PROFILE ECO05

MECHANICAL CONNECTION

Upper: KlickNut M8

Lower: Screw channel M10



AL BLANK	
120001-04400**	4400 mm
120001-04750*	4750 mm
120001-05500**	5500 mm
120001-05900*	5900 mm

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



"STANDARD" PROFILE



"PROLINE" PROFILE

MODULE SUPPORT AND MOUNTING PROFILES

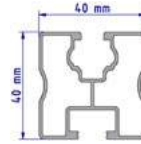
PROFILES

MODULE SUPPORT PROFILE SOLO

MECHANICAL CONNECTION

Upper: KlickNut M8

Lower: Screw channel M10



AL BLANK		BLACK ANODIZED	
120005-02450*	2450 mm		
120005-03300**	3300 mm		
120005-03550*	3550 mm		
120005-04400**	4400 mm	120005-94400**	4400 mm
120005-04750*	4750 mm		
120005-05500**	5500 mm	120005-95500**	5500 mm
120005-05900*	5900 mm	120005-95900*	5900 mm
120005-006**	6000 mm		
120005-06200	6200 mm		

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.

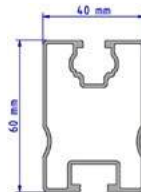


MODULE SUPPORT PROFILE SOLOPLUS

MECHANICAL CONNECTION

Upper: KlickNut M8

Lower: Screw channel M10



AL BLANK	
120006-04400**	4400 mm
120006-05500**	5500 mm
120006-05900*	5900 mm

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



MODULE SUPPORT PROFILE SOLO XL

MECHANICAL CONNECTION

Upper: KlickNut M8

Lower: Screw channel M10



AL BLANK	
120015-05500**	5500 mm
120015-05900*	5900 mm

The lower M10 screw channel is only suitable for connecting with square head screw 943410-025. Not for Rapid cross connector, KlickTop or similar connections.

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



PRO MODULE SUPPORT AND MOUNTING PROFILES

PROFILES

The profile of the new ProLine series with the fitting accessories. Can be combined with roof hooks, connectors and clamps of the ProLine series.

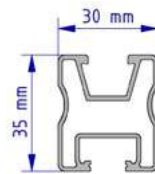
- Structural analysis tables for cross beams
- Load determination software on the Internet: www.schletter-group.com (Services/Calculator)

MODULE SUPPORT PROFILE PRO35

MECHANICAL CONNECTION

Upper: KlickNut Pro

Lower: Screw channel M10



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	

*Available from Q1/2023

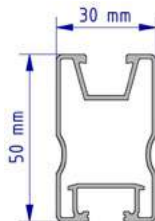
**Item will be discontinued at the end of the Q4/2022. Available while stocks last.

MODULE SUPPORT PROFILE PRO50

MECHANICAL CONNECTION

Upper: KlickNut Pro

Lower: Screw channel M10



AL BLANK

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	
120021-006**	6000 mm	

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



"STANDARD" PROFILE



"PROLINE" PROFILE

PRO MODULE SUPPORT AND MOUNTING PROFILES

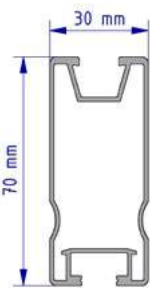
PROFILES

MODULE SUPPORT PROFILE PRO70

MECHANICAL CONNECTION

Upper: KlickNut Pro

Lower: Screw channel M10



AL BLANK	
120022-04400**	4400 mm
120022-05500**	5500 mm
120022-05900*	5900 mm

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.

PROFILE ACCESSORIES

PROFILES

129200-000	Pro internal connector	PU: 40
129001-003	E Eco connector, pre-assembled	PU: 100
129002-002	E Solo, SoloPlus, FixZ-7, FixZ-15 connector, pre-assembled	PU: 100
129001-014	Eco 05 250 mm internal connector (1 piece per connection)	PU: 50
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket (2 pieces per connection)	PU: 100
129060-000	Solo slide-in connector (2 pieces per connection)	PU: 50
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket (4 pieces per connection)	PU: 100
129001-007	SoloPlus internal connector	PU: 25
129001-008	EcoLight internal connector	PU: 25
129001-019	SoloXL internal connector	PU: 25
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket (4 pieces per connection)	PU: 100



"STANDARD" PROFILE



"PROLINE" PROFILE

PROFILE ACCESSORIES

PROFILES



AL BLANK	BLACK ANODIZED		
129063-000	129063-900	Rapid cross connector Completely pre-assembled for Klicknut M8 For cross rail system See Rapid cross connector product sheet	PU: 200



129063-010	Upper connection Lower connection	Cross connector Rapid Pro Completely pre-assembled for Klicknut M8 For cross rail system	PU: 200
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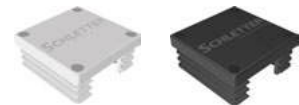
129063-020*		Rapid cross connector 90 Pro Completely pre-assembled for ProLine channel For ProLine series cross rail systems	PU: 150
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*Available from the end of Q2/2023



GREY	BLACK		
129011-000	129011-900	Solo plastic end cap	PU: 100



129200-010		Pro plastic end cap	PU: 100
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119033-002		Uno M8 universal adapter	PU: 50
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As clamp dowel for special applications in connection with the Eco05 module support profile.
Support profile must be fastened with M8 screws to the clamp dowel.



FLOOR PROFILE CONNECTOR TO BALLAST AND COMPOSITE RAIL			
129063-002	RapidCon90 For cross rail system		PU: 100



SUPPORTS

- + FLAT ROOF SUPPORT-BEAM KIT
- + FLAT ROOF SUPPORT-BEAM KIT /
FACADE SUPPORT
- + GREEN ROOF SUPPORTS
- + BEAM KIT ACCESSORIES
- + SUPPORT ACCESSORIES



FLAT ROOF SYSTEM SUPPORTS

SUPPORTS BEAM KIT

For all types of flat roof fasteners, 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 – 50 m (119015-003).

BEAM KIT

- Angle of 15° – 40° in 5° increments possible
- For horizontal and vertical module mounting



150002-130 Light flat roof support 1.3 m beam kit

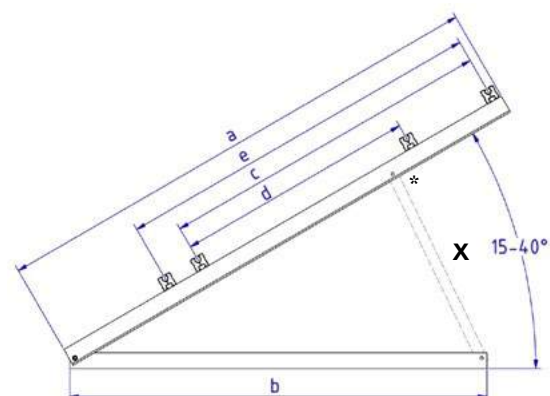
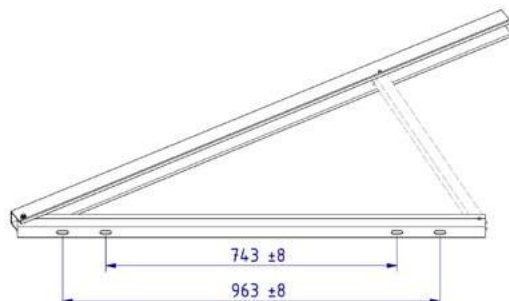
	a	b	c	d	e
mm	1195	1193	810 - 850	600	997 - 1067



150002-150 Light flat roof support 1.5 m beam kit

	a	b	c	d	e
mm	1445	1193	920 - 960	690	997 - 1067

PLEASE NOTE: Refer to the dimension table for mounting areas, observe the specifications of the module manufacturer, for strut selection (x) and accessories (*) see pages 51/52



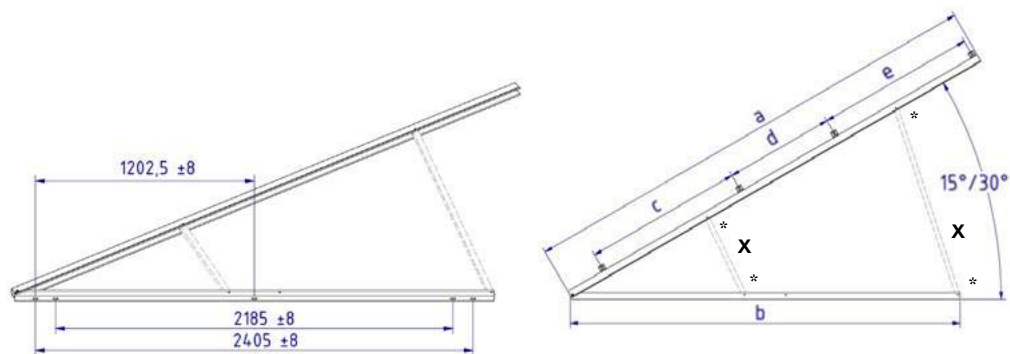
"STANDARD" PROFILE



"PROLINE" PROFILE

FLAT ROOF SYSTEM AND FACADE SUPPORTS

SUPPORTS BEAM KIT



BEAM KIT

- Angle available in 15° or 30°
- 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

PLEASE NOTE: Refer to the dimension table for mounting areas, observe the specifications of the module manufacturer, for strut selection (x) and accessories (*) see pages 51/52

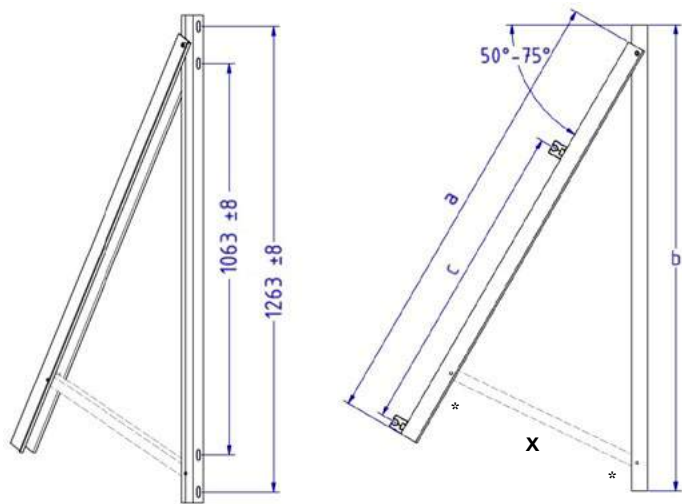
FACADE SUPPORT

- Angle 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

PLEASE NOTE: Refer to the dimension table for mounting areas, observe the specifications of the module manufacturer, for strut selection (x) and accessories (*) see pages 51/52



GREEN ROOF SUPPORTS

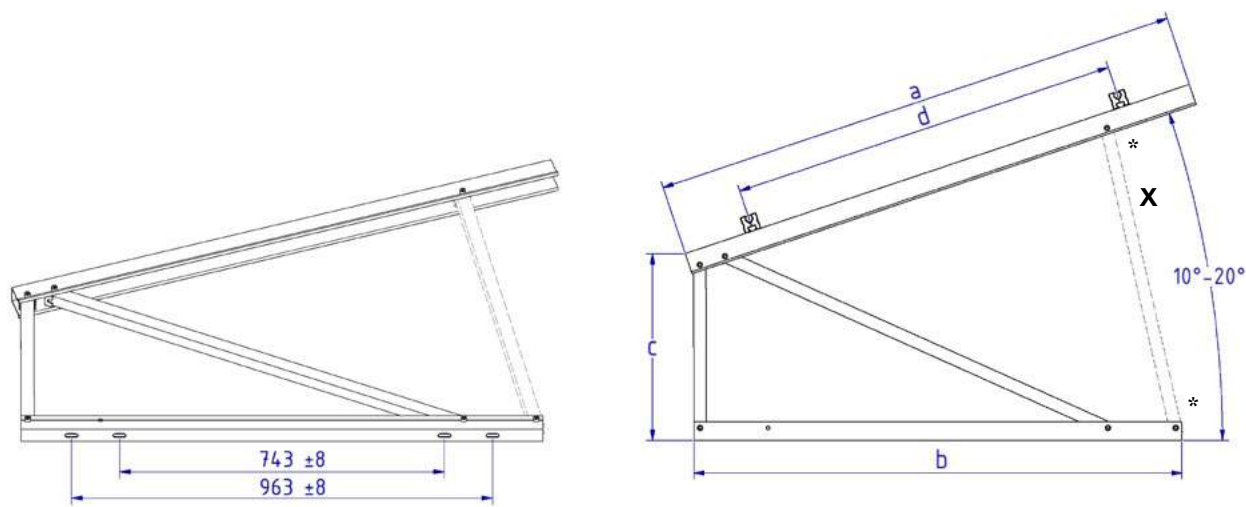
SUPPORTS

- Angle 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

PLEASE NOTE: Refer to the dimension table for mounting areas, observe the specifications of the module manufacturer, for strut selection (x) and accessories (*) see pages 51/52



BEAM KIT ACCESSORIES

SUPPORTS

To complete the beam kits the following components such as struts and accessories are necessary!

STRUTS FOR BEAM KIT

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 ACCESSORIES

943308-055**	Bolt M8 x 55 hex socket DIN 912 A2 Gleitmo coating (2 pieces/strut)	PU: 100
943000-024*	BOLT SH ISO4762 M8X55 A2-70 DL - Allen screw with Gleitmo coating (2 pieces/strut)	PU: 100
943911-008**	Nut M8 hexagonal self-locking DIN985 A4 (2 piece/strut)	PU: 500
943001-240*	NUT HX LS ISO10511 M8 A4-70 Hexagonal self-locking nut (2 pieces/strut)	PU: 500
943922-008**	M8 Large Washer DIN9021 A2 (1 piece/screw-on point bottom support)	PU: 100
943000-043*	WASHER ISO7093-1 8 200HV A2-70 - large washer (1 piece/screw-on point bottom support)	PU: 100
943922-010**	M10 Large Washer DIN9021 A2 (1 piece/screw-on point bottom support)	PU: 100
943000-056*	WASHER ISO7093-1 10 200HV A2-70 - large washer (1 piece/screw-on point bottom support)	PU: 100



*Available from Q3/2023

**Item will be discontinued at the end of the Q3/2023. Available while stocks last.

STRUT TABLE

FLAT ROOF SUPPORT						
	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		
FACADE SUPPORT						
	50°	55°	60°	65°	70°	75°
156002-160	159005-006	159005-005	159005-004	159005-003	159005-002	159005-001
GREEN ROOF SUPPORT						
	10°	15°	20°			
152001-001	159005-004	159005-005	159005-006			



"STANDARD" PROFILE



"PROLINE" PROFILE

SUPPORT ACCESSORIES

SUPPORTS

WEIGHING

159000-027	Concrete block weighing set18	PU: 100
160002-001	SolRack AL (1 plate) Material thickness: 1 mm Surface: 0.55 m ²	



SOLRACK ACCESSORIES

(2 units per plate required!)

943610-025	Screw M10 x 25 hexagonal DIN933 A2 Gleitmo coating	PU: 100
943922-010**	M10 Large Washer DIN9021 A2	PU: 100
943000-056*	WASHER ISO7093-1 10 200HV A2-70 Large washer	PU: 100
943912-010	Flange nut M10 with locking teeth DIN6923 A4	PU: 100

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.

WINDSAFE (DEPENDING ON PROJECT)

Rear wall panelling for elevated PV systems to reduce wind loads

164160-180	Windsafe Vario AL 160 x 1830 mm
164250-180	Windsafe Vario AL 250 x 1830 mm



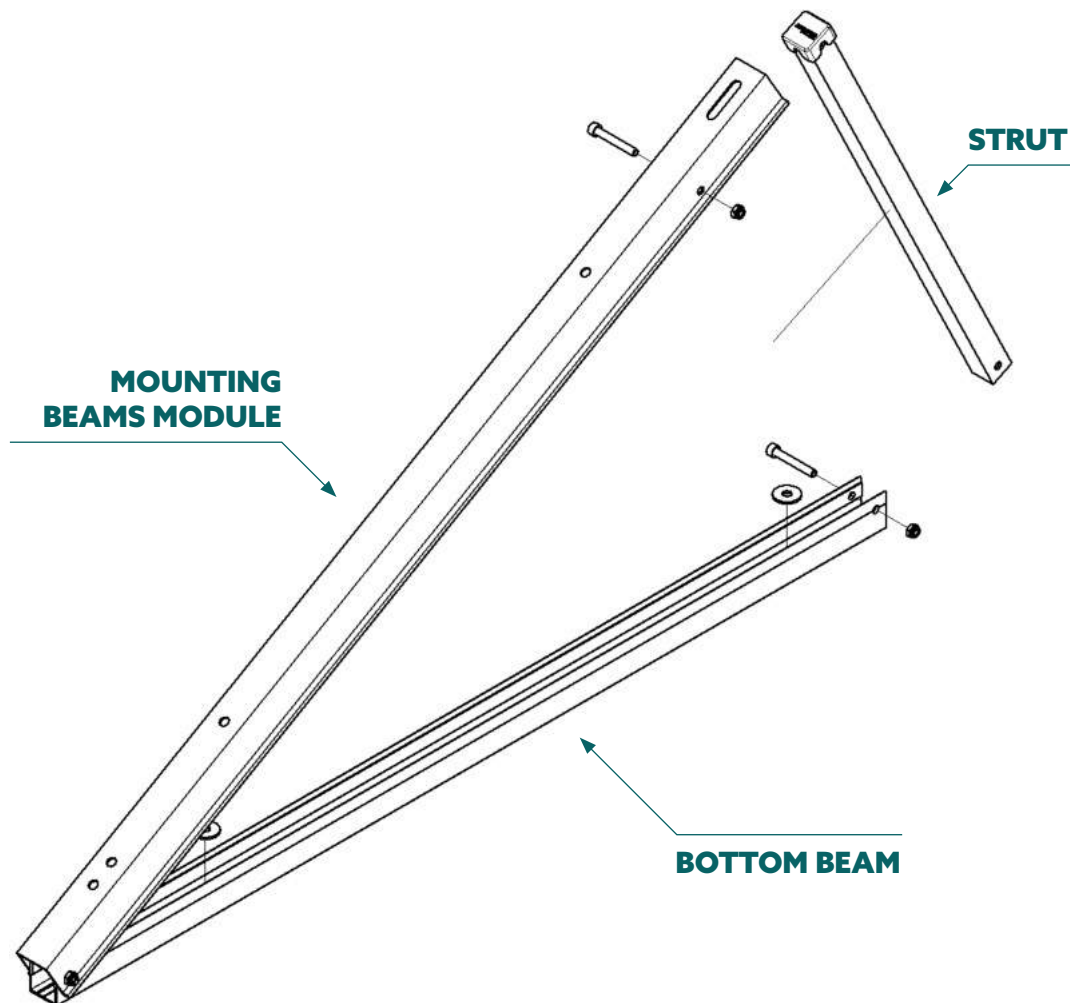
"STANDARD" PROFILE



"PROLINE" PROFILE

SUPPORTS SYSTEM

ASSEMBLY EXAMPLE



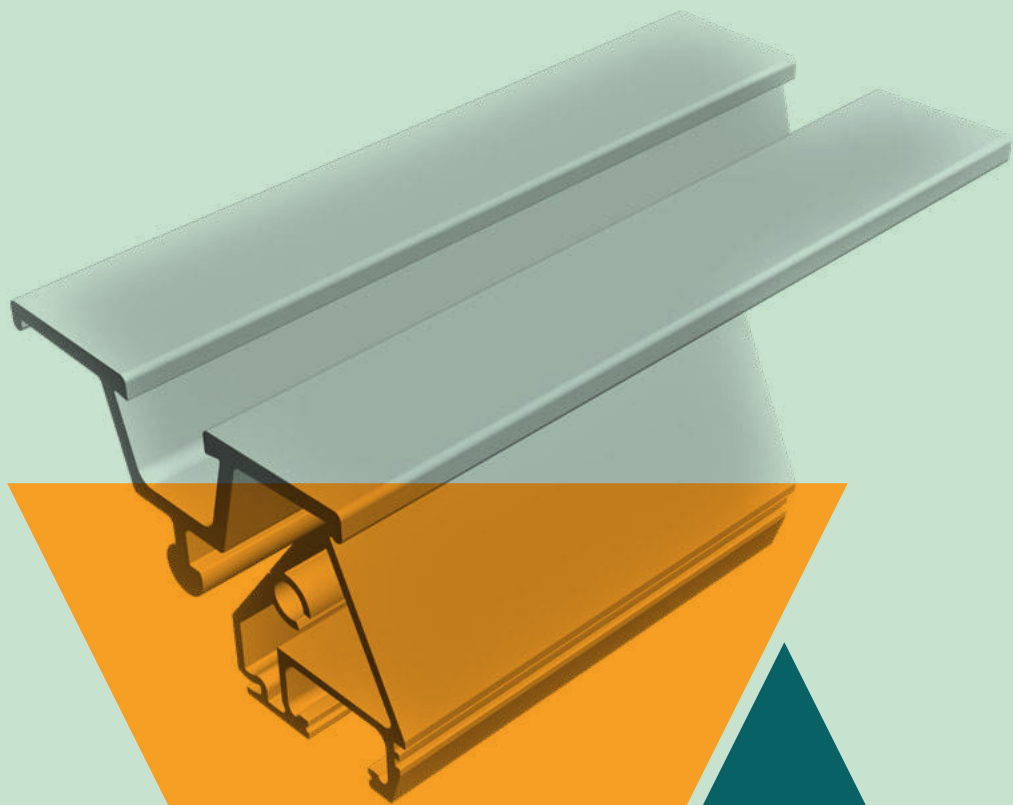
"STANDARD" PROFILE



"PROLINE" PROFILE

LOAD- OPTIMIZED FLAT ROOF SYSTEMS

- + FIXGRID
- + FLATGRID
- + FIXGRID PRO



FIXGRID

LOAD-OPTIMIZED FLAT ROOF SYSTEMS



FIXGRID18	
163000-201	FixGrid18 100 kit 6° set of 2
163000-202	FixGrid18 100 kit 6° set of 3
163000-203	FixGrid18 100 kit 13° set of 2
163000-204	FixGrid18 100 kit 13° set of 3



FIXZ-7	
121001-04400	FixZ-7 system profile18 upper 4400 mm
121001-05500	FixZ-7 system profile18 upper 5500 mm
121010-04400	FixZ-7 system profile18 lower 4400 mm
121010-05500	FixZ-7 system profile18 lower 5500 mm



FIXZ-15	
121008-04400	FixZ-15 system profile18 upper 4400 mm
121008-05500	FixZ-15 system profile18 upper 5500 mm
121009-04400	FixZ-15 system profile18 lower 4400 mm
121009-05500	FixZ-15 system profile18 lower 5500 mm



BASE PROFILE FIXGRID, FLATGRID	
128039-006	Base profile for FlatGrid 6000 mm
128039-203	Base profile for FlatGrid 2150 mm
128039-214	Base profile for FlatGrid 4200 mm
128039-215	Base profile for FlatGrid 6300 mm



"STANDARD" PROFILE



"PROLINE" PROFILE

FIXGRID

LOAD-OPTIMIZED FLAT ROOF SYSTEMS



FIXZ PROFILE PIECES INCL. FIXGRID SCREW-IN CONNECTOR		
163900-011	FixZ-7 system profile upper 96 mm with connector	PU: 25
163900-012	FixZ-7 system profile lower 96 mm with connector	PU: 25
163900-021	FixZ-10 system profile upper 96 mm with connector	PU: 25
163900-022	FixZ-10 system profile lower 96 mm with connector	PU: 25
163900-023	FixZ-10 system profile centre 96 mm with connector	PU: 25
163900-001	FixZ-15 system profile upper 96 mm with connector	PU: 25
163900-002	FixZ-15 system profile lower 96 mm with connector	PU: 25
163900-003	FixZ-15 system profile centre 96 mm with connector	PU: 25

For high snow loads up to 5.4 kN / m²



FIXZ WINDSAFE SHEET METAL		
169018-170	FixZ-7 Windsafe up to 1700 mm	PU: 50
169118-170*	FixZ-7-S Windsafe up to 1700 mm	PU: 50
169018-210	FixZ-7 Windsafe up to 2067 mm	PU: 50
169118-210*	FixZ-7-S Windsafe up to 2067 mm	PU: 50
169118-240*	FixZ-7-S Windsafe up to 2400 mm	PU: 50
169017-170	FixZ-10 Windsafe up to 1700 mm	PU: 50
169117-170*	FixZ-10-S Windsafe up to 1700 mm	PU: 50
169017-210	FixZ-10 Windsafe up to 2067 mm	PU: 50
169117-210*	FixZ-10-S Windsafe up to 2067 mm	PU: 50
169117-240*	FixZ-10-S Windsafe up to 2400 mm	PU: 50
169019-170	FixZ-15 Windsafe up to 1700 mm	PU: 50
169119-170*	FixZ-15-S Windsafe up to 1700 mm	PU: 50
169019-210	FixZ-15 Windsafe up to 2067 mm	PU: 50
169119-210*	FixZ-15-S Windsafe up to 2067 mm	PU: 50
169119-240*	FixZ-15-S Windsafe up to 2400 mm	PU: 50

*Made of galvanized sheet steel



BALLAST SHAFTS		
169020-170	FixGrid ballast shaft up to 1700 mm	PU: 50
169020-210	FixGrid ballast shaft up to 2067 mm	PU: 50
169020-240	FixGrid ballast shaft up to 2400 mm	PU: 50
169020-000	FixGrid end plate ballast shaft (only for 169020-240)	PU: 20



NOTE: The appropriate module clamps can be found in the module clamps section Rapid16.



"STANDARD" PROFILE



"PROLINE" PROFILE

FIXGRID

LOAD-OPTIMIZED FLAT ROOF SYSTEMS

CONNECTORS		
129002-002	E Solo, SoloPlus, FixZ-7, FixZ-15 connector, pre-assembled	PU: 100
129019-011	Additional connector for FixZ-15 upper (1 piece per connection)	PU: 100
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket (2 pieces per connection)	PU: 100

OTHER ACCESSORIES		
129063-000	Rapid cross connector Completely pre-assembled for Klicknut M8 For cross rail system See Rapid cross connector product sheet	PU: 200
129062-001	Tension connector set M8	PU: 100
129061-001	Ridge connector set	PU: 50
119015-002	Punched mounting tape 6 – Reel with 50 m	PU: 1
119015-003	Punched mounting tape 16 – Reel with 50 m Lightning resistant	PU: 1

NOTE: The appropriate module clamps can be found in the module clamps section Rapid16, and the module support profiles in the profiles section.



"STANDARD" PROFILE



"PROLINE" PROFILE

FLATGRID

LOAD-OPTIMIZED FLAT ROOF SYSTEMS



BASE PROFILE FLATGRID FOR SURFACE PROTECTION STRIPS

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



129078-001	Internal connector for FlatGrid (2 pieces per connection)	PU: 50
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket (4 pieces per connection)	PU: 100



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 (On request, please note longer delivery times.)	PU: 25



RAPID PRO L BRACKET CONNECTOR AND ACCESSORIES

119026-122	Rapid Pro L bracket connector	PU: 100
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Only suitable for the FlatGrid base profile of the standard series.



943308-120**	Allen screw M8 x 20	PU: 100
943000-025*	BOLT SH LS ISO4762 M8X20 A2-70 DL Allen screw with Gleitmo coating	PU: 100
943922-008**	Washer M8	PU: 100
943000-043*	WASHER ISO7093-1 8 200HV A2-70 Large washer	PU: 100
943914-008	Square nut M8	PU: 100
129010-008	ClickIn click-in component for M8 nut	PU: 100

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



OTHER ACCESSORIES

129062-001	Tension connector set M8	PU: 100
169017-000	Additional trough	PU: 50
169004-013	Surface protection mat 230 x 110 x 8 mm	PU: 100



"STANDARD" PROFILE



"PROLINE" PROFILE

FIXGRID PRO

LOAD-OPTIMIZED FLAT ROOF SYSTEMS

FIXGRID PRO KIT		
163000-400	FixGrid Pro Kit East/West	

MODULE SUPPORT		
165005-001	Pro screw-in module support For installation on the Pro floor profile	PU: 25

The appropriate module clamps can be found in the ProLine module clamps section.

165005-004	Pro module support For installation on the Pro screw-in and heightening element	PU: 25
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HEIGHTENING ELEMENT		
165005-002	Pro screw-in heightening element For installation on the Pro floor profile	PU: 25

PLEASE NOTE: The number of heightening elements varies depending on the angle of elevation: (1 piece = 5°, 2 pieces = 10°, 3 pieces = 15°)

165005-003	Pro heightening element For installation on the Pro screw-in and heightening element	PU: 25
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FLOOR PROFILE		
165001-01500	Pro floor profile 1500 mm	
165001-02500	Pro floor profile 2500 mm	
165001-03500	Pro floor profile 3500 mm	
165001-04500	Pro floor profile 4500 mm	
165001-06000	Pro floor profile 6000 mm	

FLOOR PROFILE CONNECTORS		
129200-001	Pro floor profile connectors	PU: 70

NOTE: The FixGrid Pro series items are expected to be available from the 1st quarter of 2023.



FIXGRID PRO

LOAD-OPTIMIZED FLAT ROOF SYSTEMS



WINDSAFE SHEET METAL		
169205-135	Pro Windsafe 5 up to 1350 mm module	PU: 50
169205-180	Pro Windsafe 5 up to 1800 mm module	PU: 50
169205-215	Pro Windsafe 5 up to 2150 mm module	PU: 50
169205-250	Pro Windsafe 5 up to 2500 mm module	PU: 50
169210-135	Pro Windsafe 10 up to 1350 mm module	PU: 50
169210-180	Pro Windsafe 10 up to 1800 mm module	PU: 50
169210-215	Pro Windsafe 10 up to 2150 mm module	PU: 50
169210-250	Pro Windsafe 10 up to 2500 mm module	PU: 50
169215-135	Pro Windsafe 15 up to 1350 mm module	PU: 50
169215-180	Pro Windsafe 15 up to 1800 mm module	PU: 50
169215-215	Pro Windsafe 15 up to 2150 mm module	PU: 50
169215-250	Pro Windsafe 15 up to 2500 mm module	PU: 50



BALLAST SHAFT		
169020-100	Pro ballast tray	

PLEASE NOTE: Accessories, surface protection mat page 62



169020-001	Pro ballast tray cover plate	PU: 20
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169200-000	Pro ballast tray clamping wedge	PU: 10
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BALLAST AND COMPOSITE RAILS		
165002-01600	Pro ballast + composite rail 1600 mm	
165002-02000	Pro ballast + composite rail 2000 mm	
165002-02350	Pro ballast + composite rail 2350 mm	
165002-02700	Pro ballast + composite rail 2700 mm	
165002-06000	Pro ballast + composite rail 6000 mm	



BALLAST RAIL CONNECTORS		
129200-002	Pro ballast rail connectors	PU: 40



FLOOR RAIL		
165001-00550	Pro 550 floor rail As intermediate support for Pro ballast + composite rail	PU: 25



NOTE: The FixGrid Pro series items are expected to be available from the 1st quarter of 2023.



"STANDARD" PROFILE



"PROLINE" PROFILE

FIXGRID PRO

LOAD-OPTIMIZED FLAT ROOF SYSTEMS



FIXGRID PRO SCREW-IN TOOL

169008-006

FixGrid Pro screw-in tool
For easier assembly and positioning of the screw-in
module supports and screw-in raising elements.

PU: 2



SURFACE PROTECTION MAT STRIPS

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
(On request, please note longer delivery times.)

PU: 25



FLOOR PROFILE CONNECTOR TO BALLAST AND COMPOSITE RAIL

129063-002

RapidCon90

PU: 100



FASTENING SCREWS FOR WINDSAFE SHEET METAL

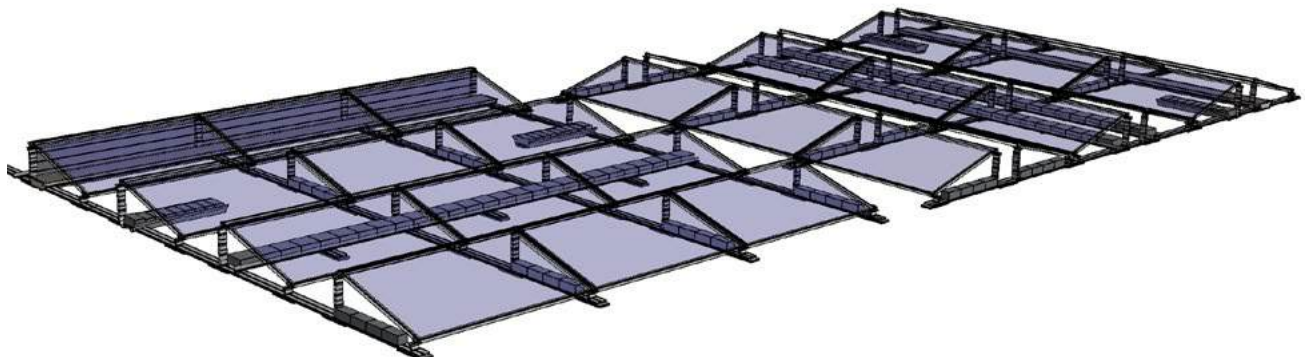
943001-232

Thin sheet metal screw 6.0 x 22 A2 with Oz gasket

PU: 100



NOTE: The FixGrid Pro series items are expected to be available from
the 1st quarter of 2023.



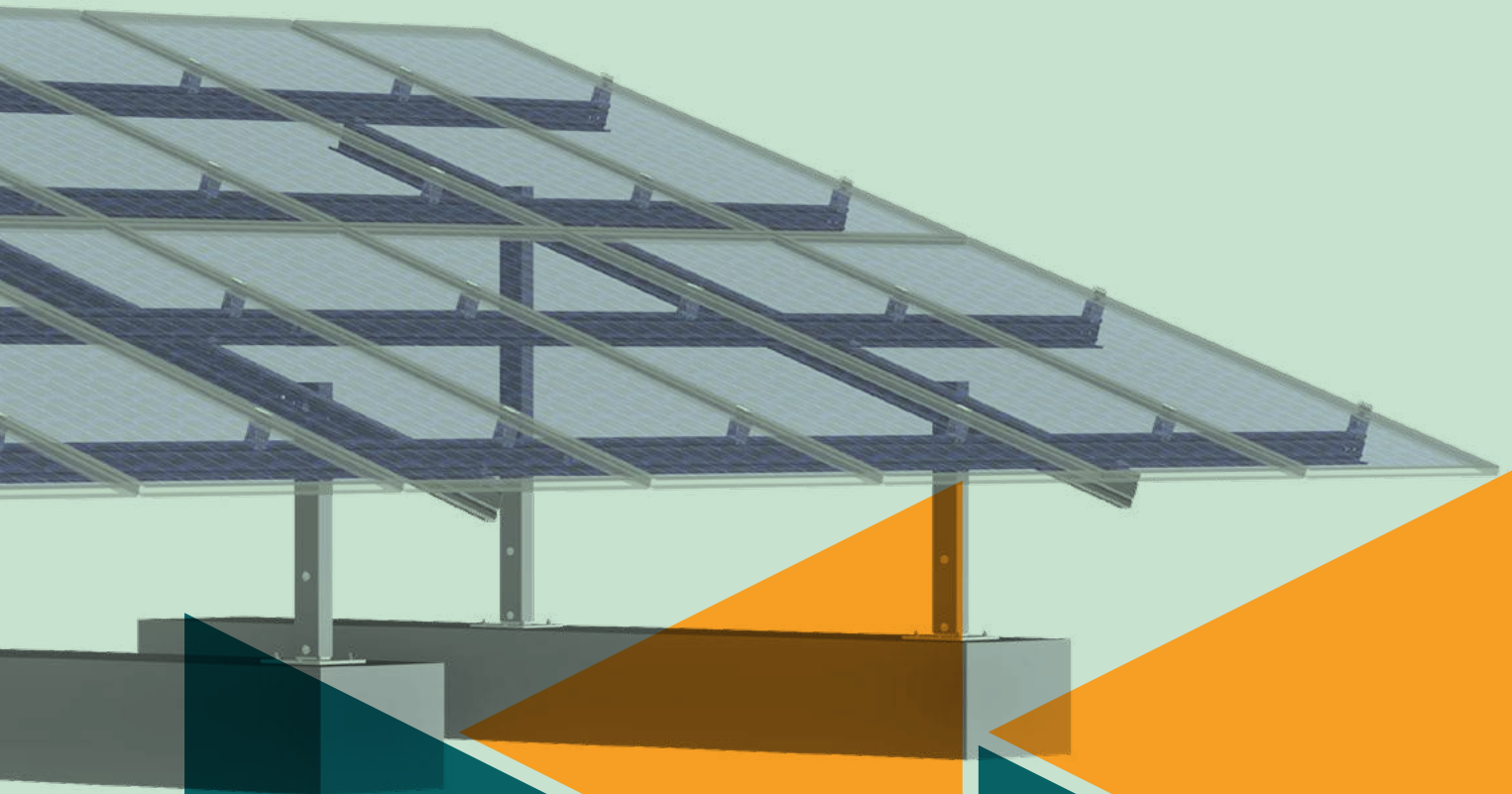
"STANDARD" PROFILE



"PROLINE" PROFILE

PVMAX ENERGY KITS

+ PVMAX-S KIT



PVMAX

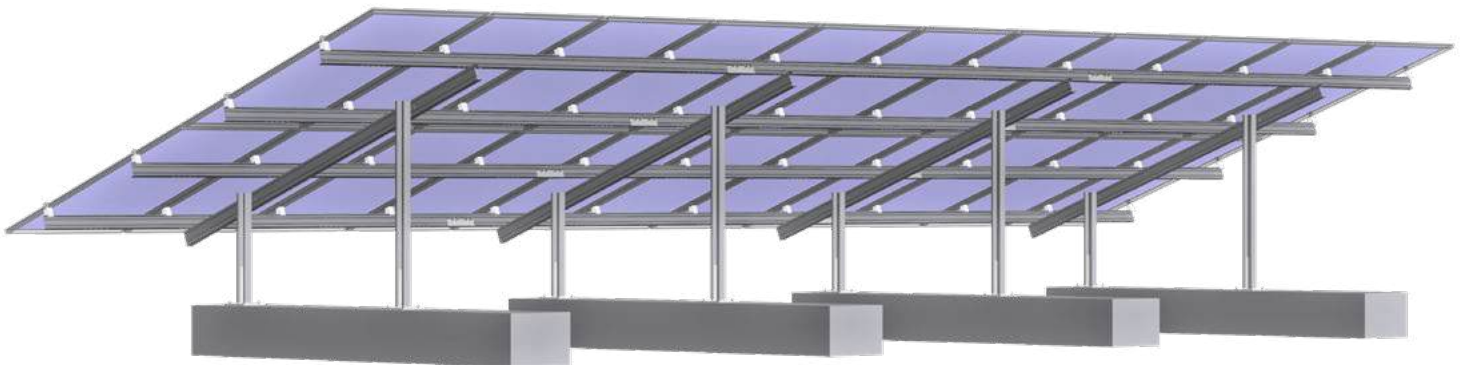
PVMAX-S KIT

The new PvMax-S complements our product range from the FS steel family with a cost-effective and simple modular system. PvMax-S combines FS Duo with concrete foundations.

- Quick and easy installation
- Complete statics verification
- Economical and efficient
- Suitable for 60 (max. 1700 x 1150mm) and 72 (2400 x 1150mm) cell modules
- Modules, module clamps, dowels and concrete foundation not included in the scope of delivery

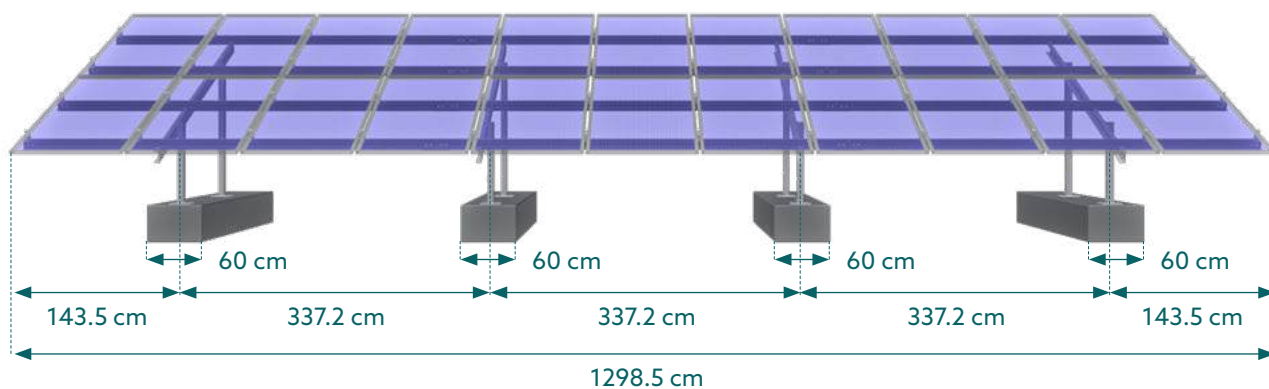
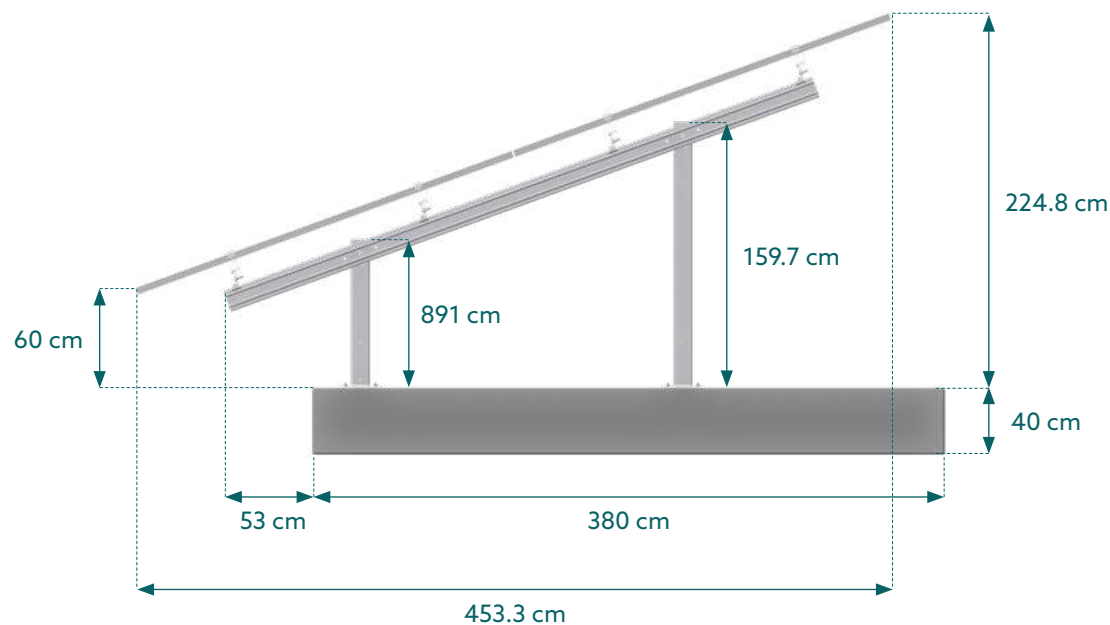
OPEN AREA SYSTEM WITH CONCRETE FOUNDATION

146003-050	PvMax-S Kit 2V LT 11/72 4 posts
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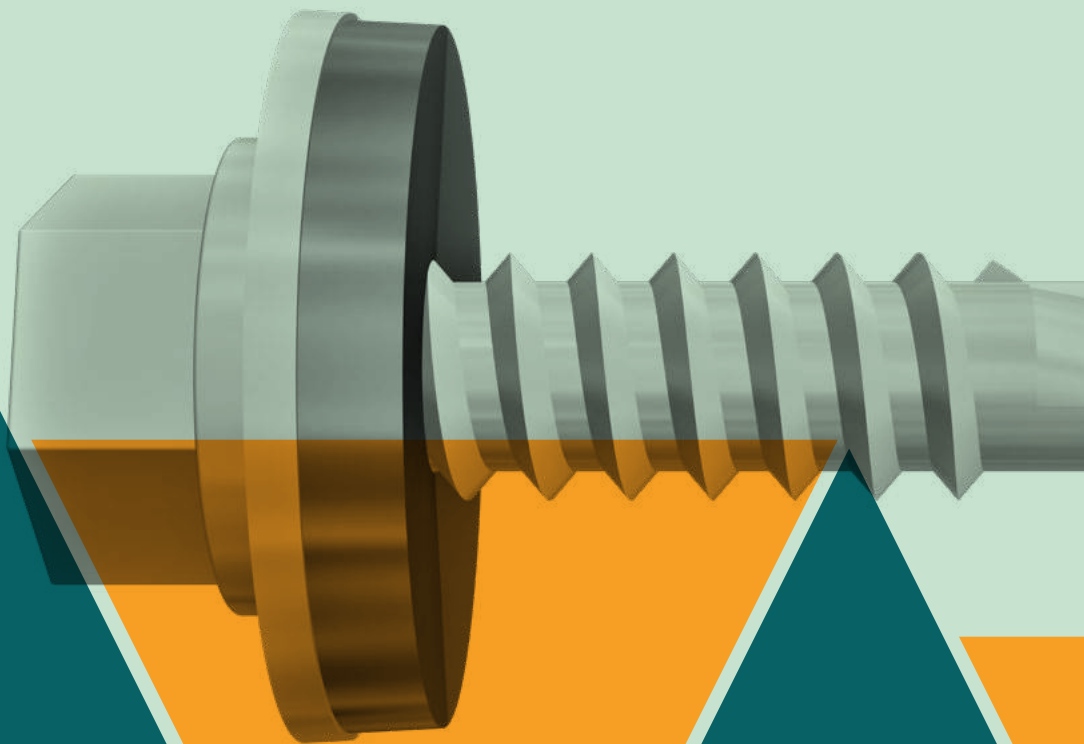
DIMENSION FOR 72 CELLS MODULES

PVMAX-S KIT



SCREWS AND SMALL PARTS

+ SCREWS AND SMALL PARTS



SCREWS AND SMALL PARTS

HEXAGON SCREW, VA



943610-025	M10 x 25	PU: 100
943610-035**	M10 x 35	PU: 100
943000-032*	M10 x 35	PU: 100
943610-045**	M10 x 45	PU: 100
943000-037*	M10 x 45	PU: 100

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



SQUARE HEAD SCREW, VA



943410-025	M10 x 25	PU: 100
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FLANGE NUT WITH LOCKING TEETH



943912-008	M8	PU: 100
943912-010	M10	PU: 100



WASHER LARGE, VA



943922-008**	M8	PU: 100
943000-043*	M8	PU: 100
943922-010**	M10	PU: 100
943000-056*	M10	PU: 100

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



ALLEN SCREW



943308-120**	M8 x 20 bottom gear teeth	PU: 100
943000-025*	M8 x 20 bottom gear teeth	PU: 100

*Available from Q1/2023

**Item will be discontinued at the end of the Q4/2022. Available while stocks last.



"STANDARD" PROFILE



"PROLINE" PROFILE

SCREWS AND SMALL PARTS

		
942000-902*	Pro hammerhead nut	PU: 100

*Expected to be available from Q2/2023



		
943914-008	Square nut M8, V4A Fits all Schletter system profiles, can be combined with Klicknut M8 and click-in component	PU: 100
129010-008	KlickIn click-in component for M8 nut For simplified insertion of the M8 square nut at any location on the KlickIn nut M8	PU: 100



		
943914-010	Square nut M10, V4A	PU: 100
129010-001	KlickIn click-in component for M10 nut For simplified insertion of the M10 square nut at any location on the KlickIn nut M10	PU: 100



NUT SELF-SECURING, V4A

		 
943911-008**	M8	PU: 500
943001-240*	M8	PU: 500

*Available from Q3/2023

**Item will be discontinued at the end of the Q3/2023. Available while stocks last.

PLEASE NOTE: All locking nuts in all designs and grades are disposable! Both the plastic ring on poly stop nuts and the clamping part on all-metal nuts lose their clamping effect when screwed on and off.



THREADED SCREW, SELF-GROOVING, VA

For steel starting at 1.5 mm

		 
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.



"STANDARD" PROFILE



"PROLINE" PROFILE

SCREWS AND SMALL PARTS

FASTENING SCREWS FOR METAL COMPONENTS AND PLATES



943755-925	Drill screw 5.5 x 25 with gasket	PU: 100
943000-700	Thin sheet metal screw 5.5 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with SingleFix Pro.	PU: 100
943000-360	Thin sheet metal screw 6.0 x 25 A2 with gasket With ETA, ETN, MCS012 and German building authority approval. For use in Germany, France and the UK in conjunction with SingleFix Pro.	PU: 100
943001-232	Thin sheet metal screw 6.0 x 22 A2 with Oz gasket	PU: 100
943772-019	Repair screw 7.2 x 19 self-grooving FABA-A A2	PU: 500



EPDM RUBBER INLAY 3 MM SELF-ADHESIVE, REEL WITH 50 M, UV-RESISTANT

e.g. for trapezoidal sheet clamps or for laminate modules



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

For non-boarded roofs, we recommend at least 80 mm, for roofs with boarding and counter-battens, at least 120 mm!

WOOD SCREW WITH PLATE HEAD, VA



943208-080	8 x 80	PU: 100
943208-100	8 x 100	PU: 100
943208-120	8 x 120	PU: 50



Example

WOOD SCREW WITH PLATE HEAD, GALVANIZED



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

SEAL FOR PLATE HEAD SCREWS



119016-000	dm 8 EPDM
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SCREWS AND SMALL PARTS

CABLE ROUTING

Cable fastener made of UV- and temperature-resistant plastic



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



129065-001 Proklip-Multi 10S			
Profiles	Systems	Cable quantity	
Solo and screw channel M10	-	approx. 4*	PU: 100



149023-001 Mounting clips 1.0 – 3.0 mm, upper guide			
Fastening on edges with a width of 1.0 – 3.0 mm; Cable tie length: 200 mm			PU: 100



149023-002 Mounting clips 1.0 – 3.0 mm, lateral guide			
Fastening on edges with a width of 1.0 – 3.0 mm; Cable tie length: 200 mm			PU: 100



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



"STANDARD" PROFILE



"PROLINE" PROFILE

WE WILL BE HAPPY TO ADVISE YOU.

For competent and comprehensive advice in planning your system, and for questions about logistics and order processing, our employees are gladly available to you.



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WE SUPPORT SOLAR.