

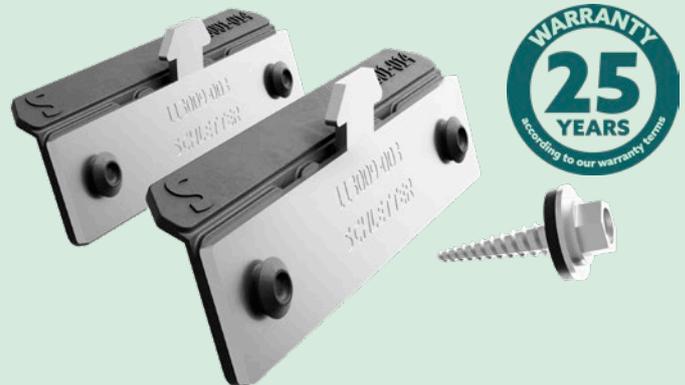
# SINGLEFIX PRO

## PRODUCT SHEET

Direct fastening to self-supporting trapezoidal sheet metal roofs and sandwich panels

Unrivalled simplicity

Structurally optimised by lateral screw placement



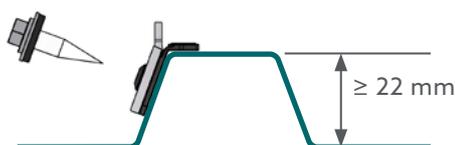
### SIMPLE DIRECT-FASTENING SOLUTION

Self-supporting trapezoidal sheet metal roofs may not always allow for fastening systems to be attached to the substructure. Similarly, sandwich panels do not allow for penetrations to the substructure due to problems with condensation. However, they often offer load-bearing capacity for direct fastening to the roof surface:

This is where SingleFix Pro offers an unrivalled, quick and easy fastening solution. The system uses Schletter module-bearing rails with the SingleFix Pro fasteners to allow for portrait and landscape module mounting.

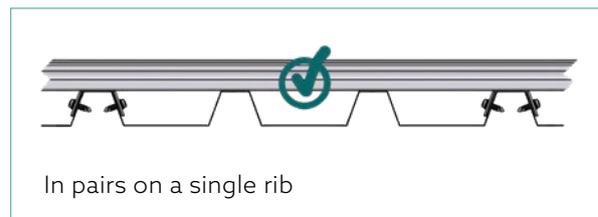
Fastening always comprises two plates attached symmetrically and opposing each other. →

### APPLICABLE DIMENSIONS

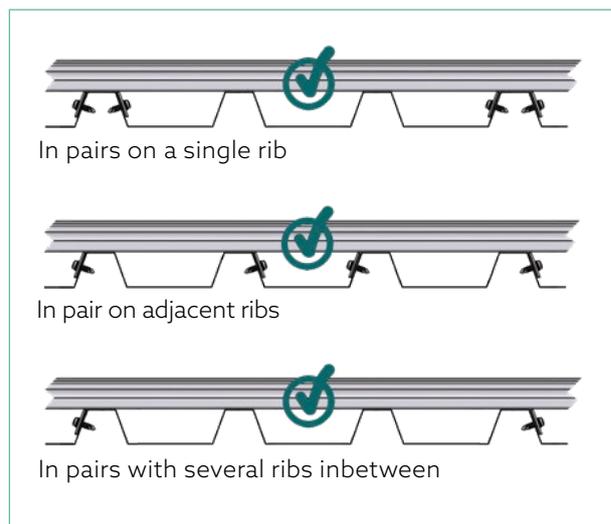


Trapezoidal sheets with a minimum rib height of 22 mm

### Attachment to sandwich panels



### Attachment to trapezoidal sheet metal



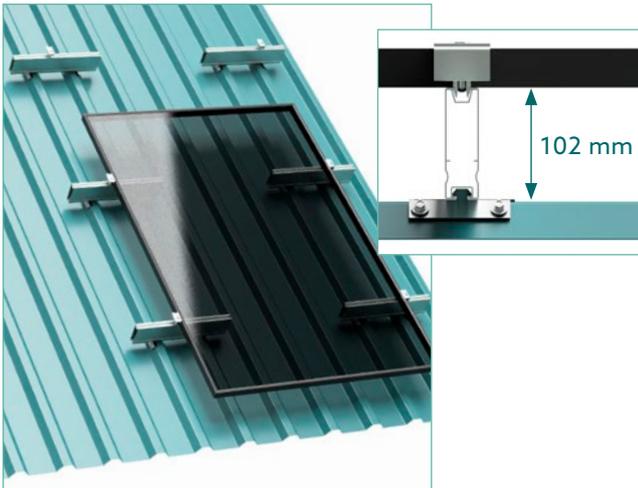
**NOT TO BE ATTACHED WITH THE SINGLEFIX PRO PLATES FACING THE SAME SIDE OF THE RIBS:**



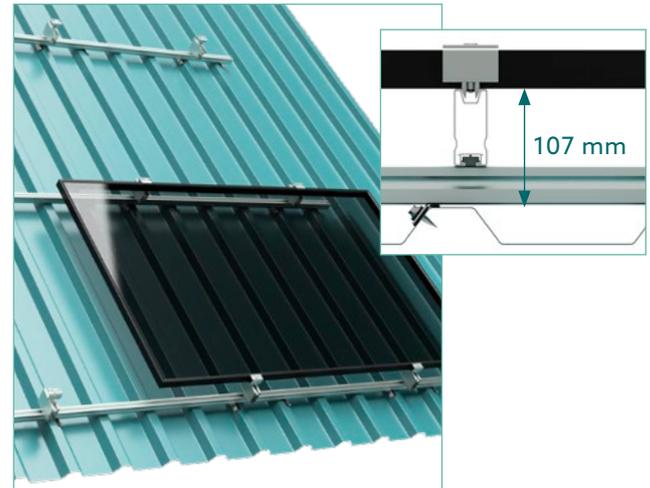
## SINGLEFIX PRO

### MODULE MANUFACTURER SPECIFICATIONS

When required, a gap of  $\geq 10$  cm between the roof cladding and module can be created for both portrait and landscape mounting.



Portrait mounting with Pro100 Module-bearing Rail



Landscape mounting with Pro70 Twist-in Module Support and Pro35 Module-bearing Rail

### TECHNICAL DETAILS

<b>Scope of application</b>	Direct fastening to trapezoidal roofs with a sheet thickness from 0.5 mm
<b>Material</b>	System components: Aluminium and Stainless Steel Screws: Stainless Steel Gaskets: EPDM rubber
<b>Planning aid</b>	Configuration and design report using the Schletter Configurator
<b>Structural design</b>	Structural calculation based on current recognised rules of technology. Structural verification of the mounting system is based on the relevant Eurocodes in conjunction with general building inspectorate approvals. The load assumptions comply with DIN EN 1991-1 and the regulations of the national annex. Verification of roofing and building is not included. Notes in the verification must be observed.
<b>Warranty</b>	25 years in accordance with our Guarantee Terms and Conditions
<b>Supplementary documents</b>	SingleFixPro Installation Instructions Product Catalogue – Trapezoidal Sheet Fasteners

## SINGLEFIX PRO

### PARTS LIST

<b>113009-003</b>	SingleFix Pro	PU: 100
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### SUPPLEMENTARY PARTS (ordered separately)

<b>943000-700</b>	Screw 5.5 x 25 A2 with rubber gasket (for thin sheet metal) German Building Authority, ETA, ETN, MCS012 approved. Compatible with SingleFix Pro for use in DE, FR & GB. Suitable for manufacturer approved sandwich panels.	PU: 100
<b>943000-360</b>	Screw 6.0 x 25 A2 with rubber gasket (for thin sheet metal) German Building Authority, ETA, ETN, MCS012 approved. Compatible with SingleFix Pro for use in DE, FR & GB.	PU: 100
<b>943001-232</b>	Screw 5.5 x 25 A2 with Oz gasket (for thin sheet metal) Compatible with SingleFix Pro for use <i>outside</i> of DE, FR & GB.	PU: 100

▶ **PLEASE NOTE:**  
Each SingleFix Pro plate requires 2 screws



<b>120011-00450</b>	EcoLight Module-bearing Rail 450 mm	 PU: 50
<b>120020-00450</b>	Pro35 Module-bearing Rail 450 mm	 PU: 50
<b>120023-00450</b>	Pro100 Module-bearing Rail 450 mm	 PU: 50
<b>120022-000</b>	Pro70 Twist-in Module Support	 PU: 100
<b>121010-202</b>	FixZ-7 Lower Module-bearing Rail18 450 mm	 PU: 25
<b>121001-202</b>	FixZ-7 Upper Module-bearing Rail18 450 mm	 PU: 25
<b>121009-202</b>	FixZ-15 Lower Module-bearing Rail18 450 mm	 PU: 25
<b>121008-202</b>	FixZ-15 Upper Module-bearing Rail18 450 mm	 PU: 25
<b>120034-00450</b>	FixZ 450 mm	 PU: 50
<b>119015-002</b>	Punched Mounting Tape 6 ( <i>optional</i> )	PU: 50 m

▶ **PLEASE NOTE:**  
We recommend connecting rails with punched mounting tape, using sheet metal screws for equipotential bonding.

