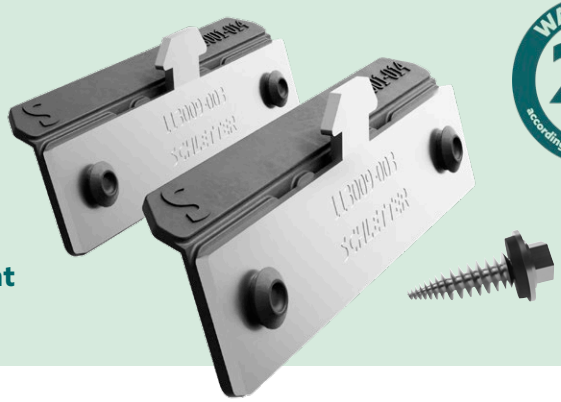
SCHLETTER

SINGLEFIX PRO

PRODUCT SHEET

+ **Direct fastening to self-supporting trapezoidal sheet metal roofs and sandwich panels**
+ **Unrivalled simplicity**
+ **Structurally optimised by lateral screw placement**



WARRANTY 25 YEARS according to our warranty terms

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. →

Attachment to trapezoidal sheet metal and sandwich panels



In pairs on a single rib

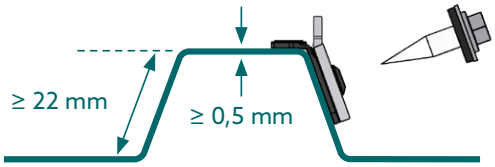


In pair on adjacent ribs



In pairs with several ribs inbetween

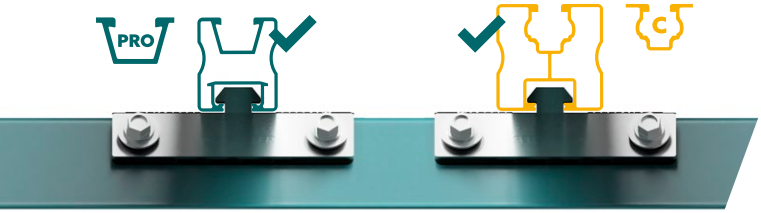
APPLICABLE DIMENSIONS



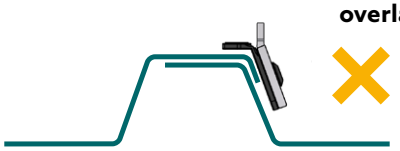
Trapezoidal sheets with a minimum rib height of 22 mm

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



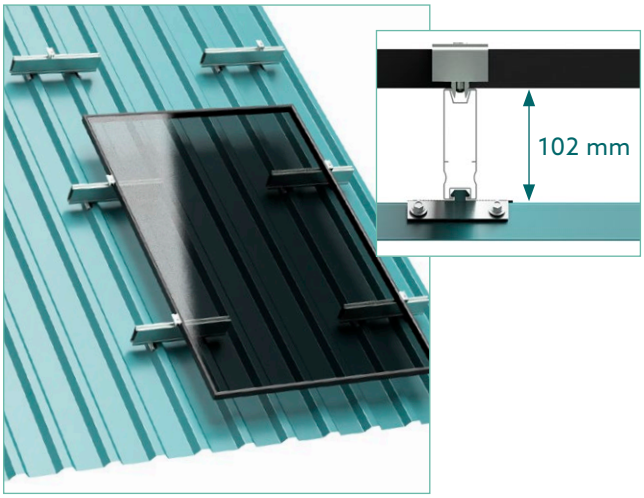


Never install on overlapping sheet edges.

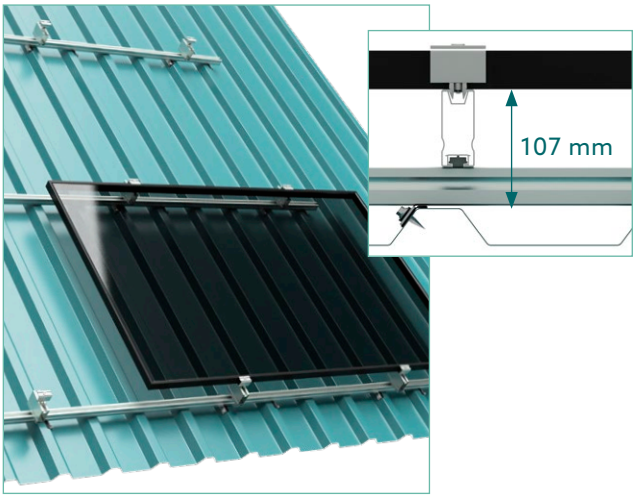


SPECIFIC REQUIREMENTS OF SOME MODULES

When required, a gap of ≥ 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

Scope of application	Direct fastening to trapezoidal roofs with a sheet thickness from 0.5 mm
Material	System components: Aluminium and Stainless Steel Screws: Stainless Steel Gaskets: EPDM rubber
Planning aid	Configuration and design report using the Schletter Configurator
Structural design	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.
Warranty	25 years in accordance with our Guarantee Terms and Conditions
Supplementary documents	SingleFix Pro Installation Instructions Product Catalogue – Trapezoidal Sheet Fasteners

PARTS LIST

113009-003	**SingleFix Pro**	PU: 100
Two thin sheet metal screws per SingleFix Pro piece are required.		



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943000-700	Thin Sheet Metal Screw 5.5 x 25 A2 with rubber washer ETA, ETN, MCS012 and German building regulations approved. Use in DE, FR, and UK. Only use on approved sandwich elements.	PU: 100
943000-360	Thin Sheet Metal Screw 6.0 x 25 A2 with rubber washer ETA, ETN, MCS012 and German building regulations approved. Use in DE, FR, and UK.	PU: 100
943001-232	Thin Sheet Metal Screw 6.0 x 22 A2 with rubber washer Use outside DE, FR, and UK.	PU: 100



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PRO

120020-00450	Module Support Rail Pro35 450 mm	PU: 50
120023-00450	Module Support Rail Pro100 450 mm	PU: 35



120011-00450	Module Support Rail EcoLight 450 mm	PU: 50
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



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119015-002	Punched Mounting Tape 6–50 m reel	VPE: 1

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

