



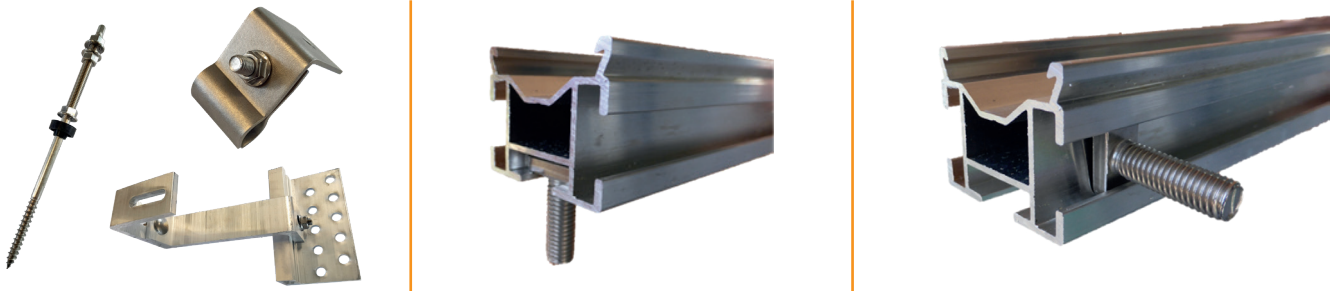
ZELOS mounting system



- ▶ Use of adjustable roof hooks for individual adjustment
- ▶ Roof hooks for universal profile connection
- ▶ Time saving thanks to click system
- ▶ Compact and stable profile for small spans

System design

Thanks to the various adjustment and profile connection options, the ZELOS mounting system scores highly when it comes to installation. This makes it quick and easy to adapt to local conditions. The variable ZELOS ALU VAR roof hook and the ZELOS profile with its versatile channels ensure maximum flexibility.



By using a hammer head screw M8 28/15 in the lower or lateral channel of the ZELOS profile, the ZELOS rail system is universally applicable for any roof connection (hanger bolt, roof hook, clamp).



ZELOS profile with internal ZELOS rail connector

Cross connection with ZELOS cross-connector and same profile

Middle clamp set + compensation profile for click-in

Technical data

ZELOS mounting system	
Application	all pitched roofs (rafter/ purlin roof; roof tiles/plates, plain tile roofing, slates, trapezoidal sheet metal, seamed roofing, sandwich panels, fibre cement panels)
Roof mounting	hanger bolts; roof hooks; clamps (direct profile connection with hammer-head bolts M8 28/15 in the lower or side channel)
ZELOS DH ALU VAR	height-adjustable in the area of the battens and at the bracket to compensate a roof unevenness; force-locking grooves contact surface makes RH torsionally secure and form-fit
System structure	single ply; double ply in cross-bond
Module orientation	parallel to the roof (for inclinations from 0° to 60°), upright/cross
Rail length	3,53 m; 5,81 m (special lengths possible)
Dimensions ZELOS rail	42 × 34 mm; 42 × 42 mm (further profiles for larger spans in the range)
Spans	depending on snow and wind load between 0,66 m and 2,28 m
Weight ZELOS profile	0,79 kg/m
Module fixing	clicking in the pre-assembled CHRONOS middle clamp set (for all framed modules of 29-51 mm frame height; can be combined with matching compensation profiles); universal end clamp independent of the frame height; mounting on the long module side
Optional	module grounding when clamping the modules
Materials	Alu EN AW 6063 T66 (RH base plate); Alu EN AW 6082 T66 (RH bracket and angel); Alu EN AW 6063 T66 (ZELOS system incl. clamping parts); stainless steel A2-70 (connecting elements)

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