TRAPEZOIDAL ROOF SYSTEM FOR HORIZONTAL INSTALLATION

ALTEC SD_*TRAFIX-H*

- fast installation
- easy to install due to its fewer components
- cost-effective to stock
- simple and fast logistics

10 years guarantee
on calculated mounting systems

This fixing method consists of only four components: a made-to-measure C-rail section (pre-drilled and stuck to EPDM tape), a central and end clip and two thin sheet metal bolts.

There is no need for pre-drilling thanks to the use of thin sheet metal bolts. Screwing displaces the material with the result that almost no drilling swarf is produced and no ensuring corrosion.
Obtain approval from the manufacturer for sandwich trapezoidal-profiled roods. All framed PV modules can be clamped in place in this way. The modules are installed horizontally.

This system is extremely versatile due to the use of module clips with variable clamping height and no need for long installation rails, thereby ensuring cost-effective, simple and fast logistics.

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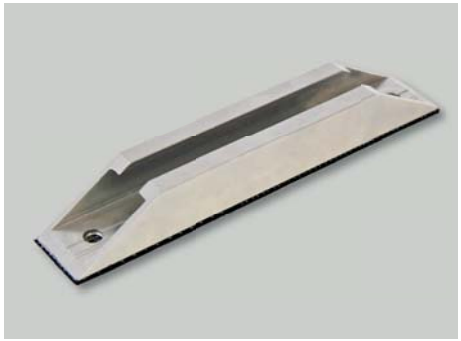
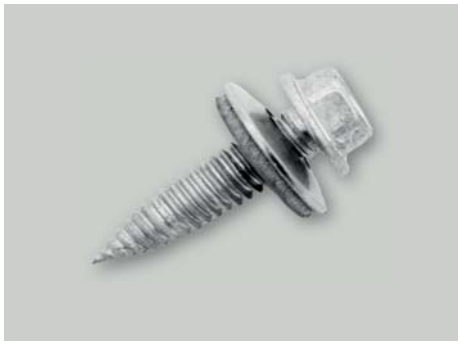
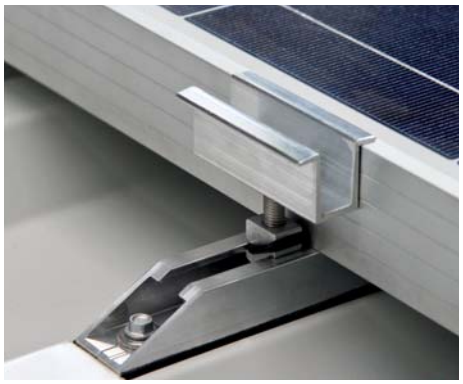


C-rail with EPDM tape



Thin sheet metal bolt



C-rail with mid-clamp

The short C-rails, with EPDM tape adhered to them, are bolted directly to the high ribbing, thereby ensuring extremely fast installation. We recommend using edge clips that can be fixed to the underside of the modules for cabling.

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Item No. 1TCB28220164

- C-rail, cut to length (length 164 mm), perforated (∅ 6.1 mm), with EPDM tape (30 × 3) glued on
- 2 thin sheet metal bolts Item No. 4BSRP0206025

Module mounting parts

see product catalogue:

- mid-clamp or clamping plate
- end-clamp

The ALTEC SD_*TRAFIX-H* can also be used on buildings with the following wind and snow loads:

Wind load: Zone 2, h < 18 m (inland)
Zone 2, h < 10 m (coastal)
Zone 3, h < 10 m (inland)

Snow load: Zone 2, up to h < 285 m.a.s.l. and North German Coastal Plain
Zone 2, up to h < 420 m.a.s.l
Zone 2a, up to h < 285 m.a.s.l.

Please contact our team with other wind and snow regions. The roof has to be capable of withstanding the additional loads resulting from the installation.

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