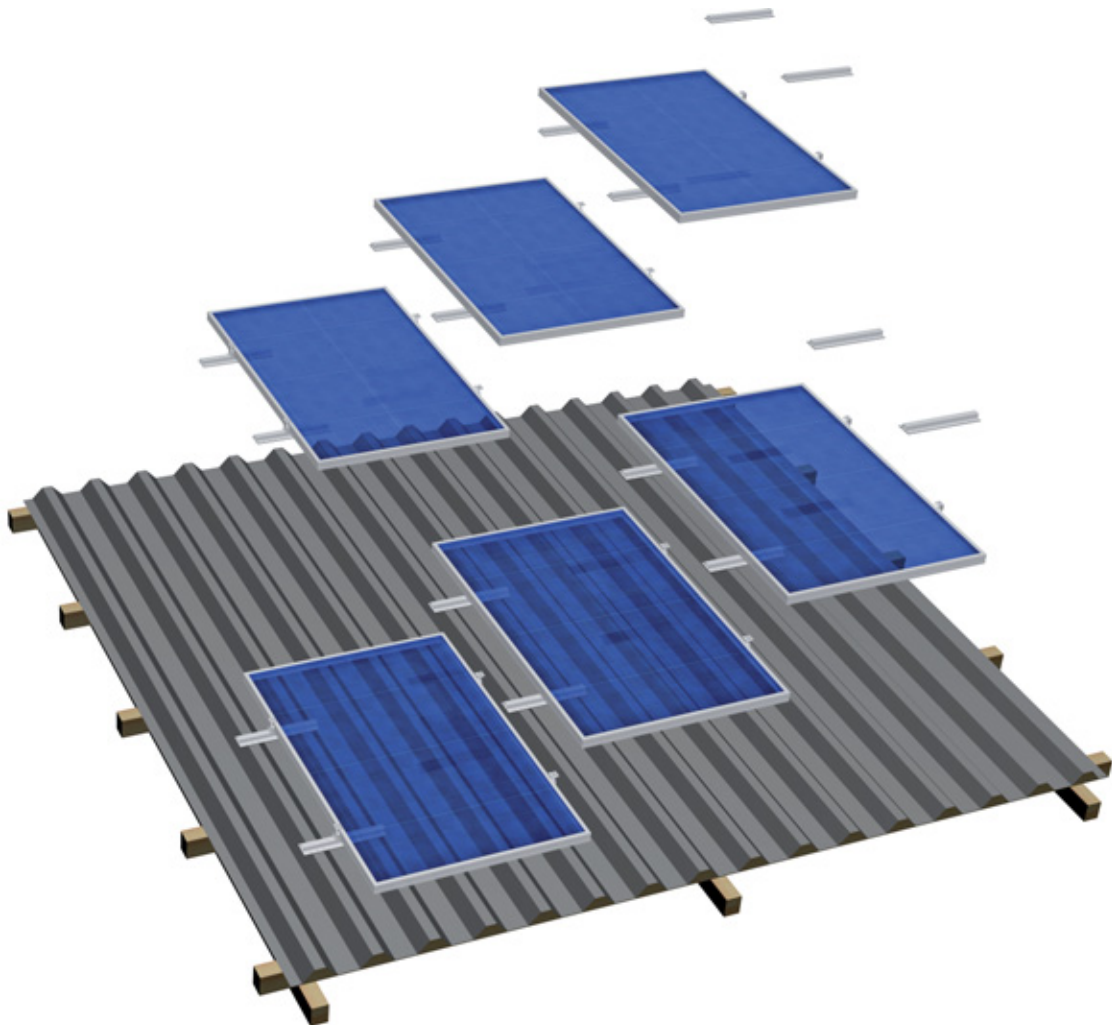




MOUNTING SYSTEMS FOR TRAPEZOIDAL SHEET AND CORRUGATED SHEET ROOFS

for framed and frameless modules

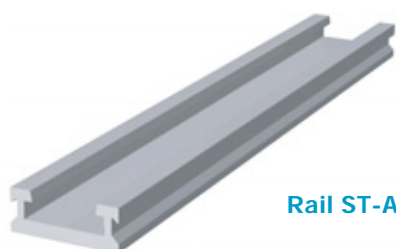
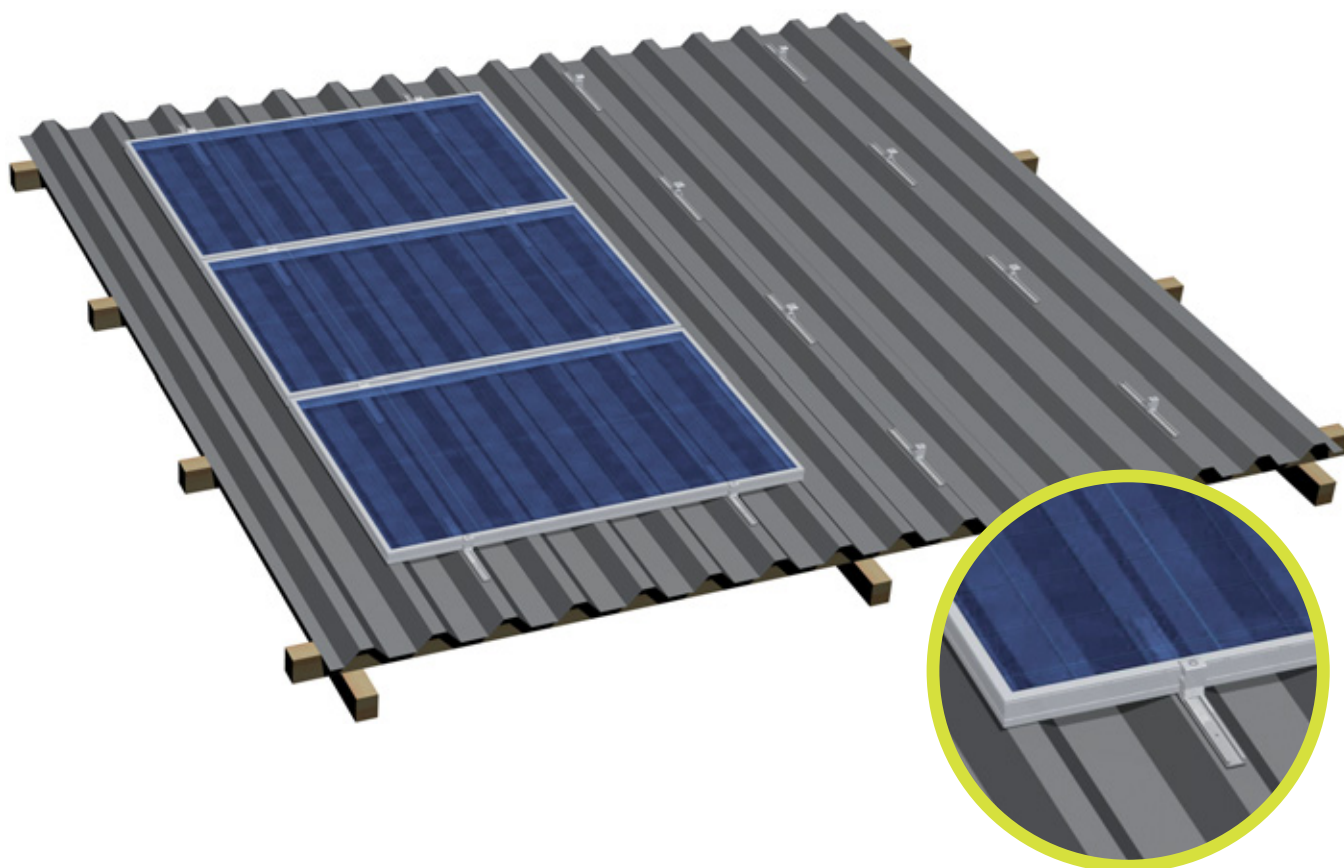


S:FLEX mounting systems for trapezoidal and corrugated sheet metal roofs combine fast and secure fitting with substantially lower materials usage. As a result, you will significantly optimize the margins of your projects.

Our three solidly engineered systems – longitudinal sheet metal rails, transverse sheet metal rails, and brackets for attachment to the sheet metal – provide a solution for almost every roof. Our project engineers and structural engineers also provide custom solutions for exposed locations or steep roofs. Just ask us!

MOUNTING SYSTEMS FOR TRAPEZOIDAL SHEET AND CORRUGATED SHEET ROOFS

Mounting using longitudinal sheet metal rails



Rail ST-AK 1/12

End Clamp AK Klick 30-50



Mid-Clamp AK 33-51

Fastening:

Riveted or screwed onto raised corrugations

Substructure material:

Trapezoidal sheet metal

Module type:

Framed modules

Module orientation:

Horizontal

Layers of rails:

Single layer

Advantages:

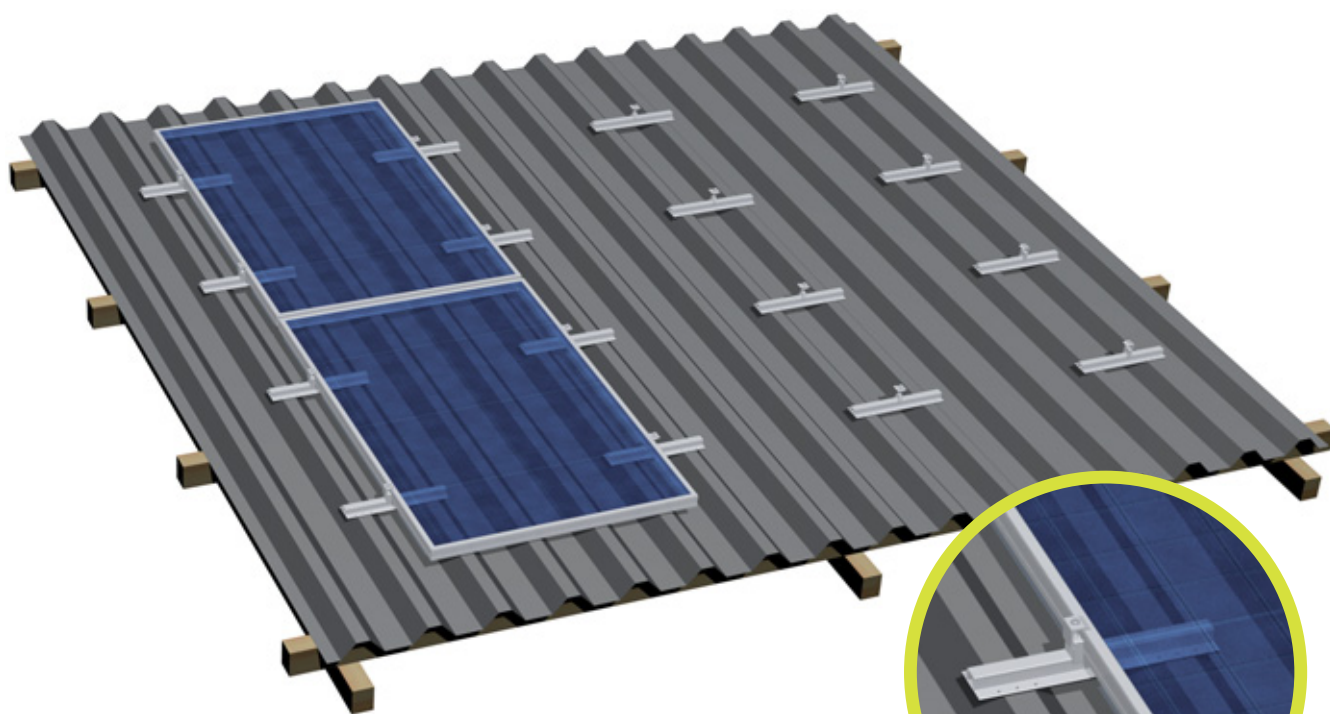
- Low material / fitting costs
- Rail lengths of 195 mm, 3000 mm and 6000 mm
- Rail segments are supplied prefabricated with 3 holes and a rubber seal

Note:

Respective clearances between raised corrugations required for optimum module fastening must be adhered to

MOUNTING SYSTEMS FOR TRAPEZOIDAL SHEET AND CORRUGATED SHEET ROOFS

Mounting using transverse sheet metal rails



Trapezoidal Sheet
Metal Rail AK



End Clamp AK Klick 30-50

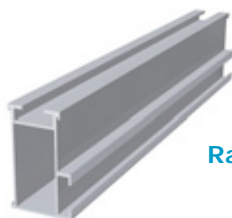


Mid-Clamp AK 33-51

Cross Adapter Clamp AK



Rail ST-AK 13/60



Fastening:

Riveted or screwed onto raised corrugations

Substructure material:

Trapezoidal and corrugated sheet metal

Module type:

Framed and frameless modules

Module orientation:

Vertical / horizontal

Layers of rails:

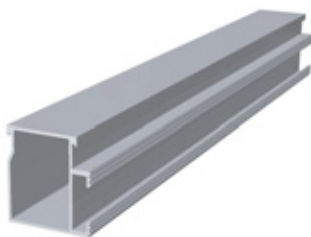
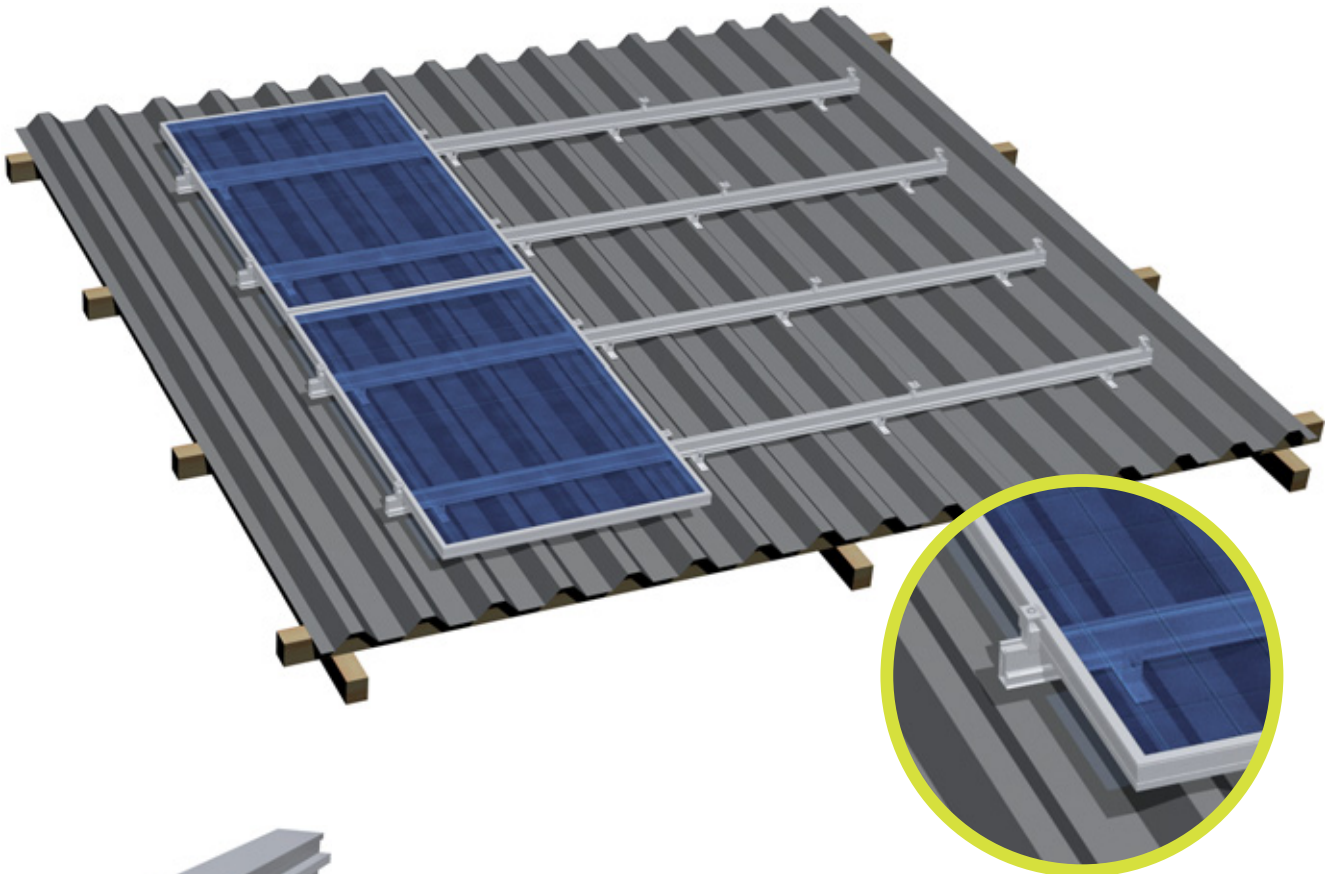
Single / double layer, cross rail installation

Advantages:

- Low material / fitting costs
- Rail lengths of 395 mm, 3000 mm and 6000 mm
- High rigidity rails suitable for heavier loads
- Rail segments are supplied prefabricated with 3 holes and a rubber seal

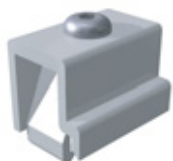
MOUNTING SYSTEMS FOR TRAPEZOIDAL SHEET AND CORRUGATED SHEET ROOFS

Mounting on sheet metal using brackets



Rail ST-AK 5/40

Bracket for
Sheet Metal Installation



Cross Adapter Clamp AK

Rail ST-AK 13/60



Fastening:

Riveted or screwed onto raised corrugations

Substructure material:

Trapezoidal sheet metal

Module type:

Framed and frameless modules

Module orientation:

Vertical / horizontal

Layers of rails:

Single / double layer, cross rail installation

Advantages:

- Low fitting costs
- Height adjustable via elongated hole in the sheet metal bracket
- For framed and frameless modules

MOUNTING SYSTEMS FOR TRAPEZOIDAL SHEET AND CORRUGATED SHEET ROOFS

for framed and frameless modules

Flexible applications:

Carrier rails of the S:FLEX system for trapezoidal sheet and corrugated sheet roofs are available in lengths of 195 mm, 395 mm, 3000 mm and 6000 mm. Depending on the project, you can choose between the short rails, which are easy to handle, transport and store, and the long rails which are fast to fit.

Simple, customized planning:

Our planning tool lets you create an exact, specific plan for each installation site. Wind and snow loads applicable to the existing roofing are always taken into account as well.

Safety for the roof:

Installation of thermal expansion joints prevents tension damage to the roof and modules.

Fast fitting:

Riveted fastening allows you to easily install modules on the roof in a very short time using the prefabricated components.

Alternatively, chip-free thin sheet metal screws can also be used.

Use our adjustable height brackets to obtain a level module array on uneven roofs.

Modules can be fitted vertically or horizontally.

Elevated installation is also possible.

We are happy to provide you with advice on this.

Module types	Framed solar modules with frame thickness 33-51 mm, and unframed modules (other types on request)
Applications	Trapezoidal sheet metal roofs Corrugated sheet metal roofs Curved and barrel-shaped roofs Flat roofs and low pitch roofs (others on request)
Sheet metal thickness	Standard steel starting at 0.5 mm Standard aluminium starting at 1.0 mm (others on request)
Module orientation	Vertical and horizontal
Installation type	Parallel to the roof
Material	High grade aluminium Stainless steel EPDM seals
Sealing rivets, sealing inserts	UV resistant, waterproof and thermally stable
Colour	Natural extruded finish Also available in black
Special features	Especially fast fitting is possible due to the optional riveted fastening

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