

## Authorized Agent:



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Hong Kong Renewable Energy Co. Ltd.

## FixZ-7

Registered at the German Patent Office, No. 20 2009 002 208

**The optimum additional elevation  
for flatly inclined trapezoidal sheet  
metal roofs**

- Quick and easy mounting
- Better rear airing
- Better self-cleaning
- Optimum load transmission into the roof cladding

## Description

In case of flat trapezoidal sheet metal roofs with inclinations of less than 10 degrees, a mounting parallel to the roof is not the best solution, because of the low yields and the insufficient self-cleaning of the modules. But in many cases, a normal elevation with supporting stands is not economic or structurally not possible due to the heavier loads. Quite often, only low elevation angles are desired respectively feasible.

Schletter **FixZ-7** offers a simple and inexpensive additional elevation for these problem cases.

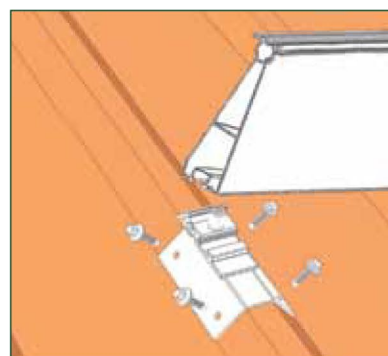
## Application information

Please consider that the system is designed for module heights from about 1.3 m up to 1.7 m and setting angles from **5 – 7 degrees**

For technical reasons, **FixZ-7** is only suitable for vertical mounting of framed modules. However, a horizontal mounting with linear support and linear clamping is also possible up to a module width of 850 mm.

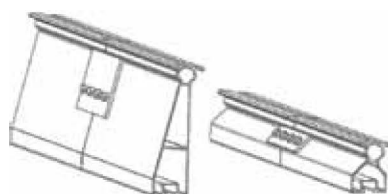
The position of the clamping spots should be within the range of 1/4-1/5 of the module height (respectively according to manufacturer information).

Moreover, there must be minimum distances of 1.5 m to the lateral roof edges, and distances of 1.2 m to both the north and the south roof edge.



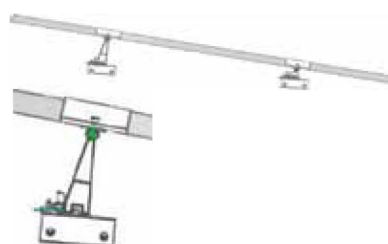
① Mounting of the Fix2000ClickTop connector.

Consider the shade distance to the module rows!



② Mounting of the Fix-Z 7 cross beam profiles.

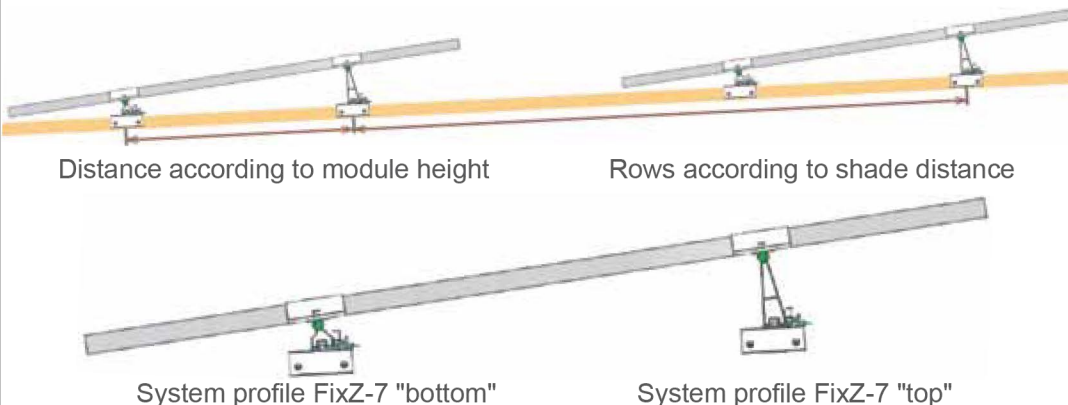
Fix the profile joint with a connector plate and self-drilling screws



③ Mounting of the modules



### Technical data

<b>Material</b>	System profiles: Aluminum
<b>Structural analysis</b>	Structural analysis acc. to the current specific national standards (in Germany DIN1055 and EC1). Structural analysis attachments on the dimensioning of the number of the required fastening spots, based on structural calculation. For this purpose, we put our charts and dimensioning programs at your disposal. By all means consider the information on structural safety!
<b>System structure</b>	
<b>Calculation and ordering</b>	Calculation and ordering with our auto - calculator software. (Select the system "FixZ-7")

Get all system prices fast and easy with our auto-calculator!

### Authorized Agent:



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