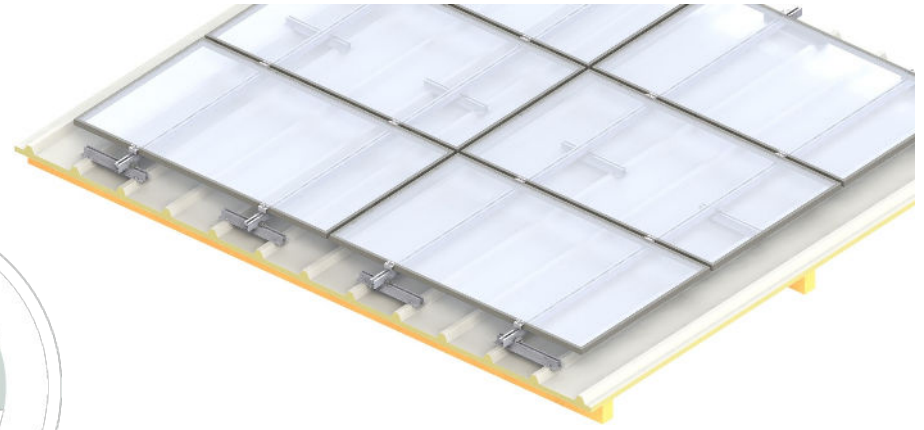
TRAPEZOIDAL SHEET METAL BRIDGE PLUS S 2.1



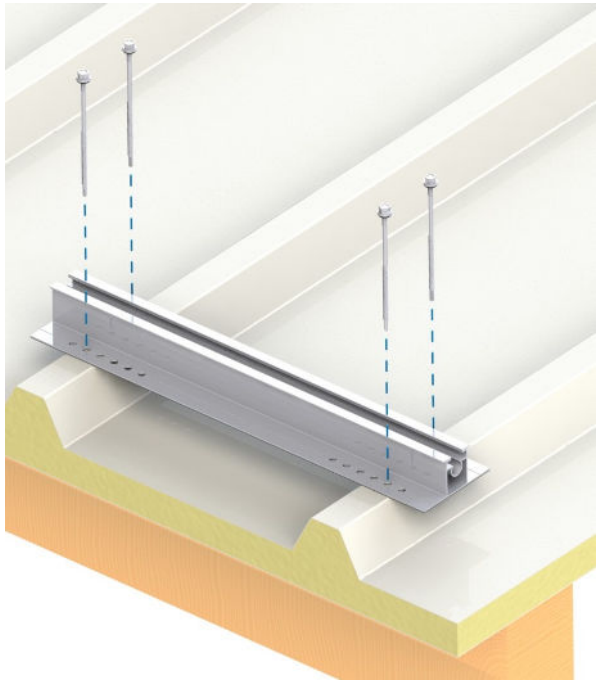
Your benefits:

+ direct load transmission into the purlins through self-drilling screws with support thread
+ different beam profile dimensions allow for larger purlin spacing
+ pre-mounted EPDM rubber for additional sealing btw. roof and metal sheet
+ horizontal module arrangement and clamping on the long module side
+ aluminum allows a light and loadable mounting solution

PV - Mounting-Systems
Mounting Solutions
10 years
approved functionally
Quality guarantee

Technical data Sandwich roof

Application:	sandwich roof
Roof inclination:	5° - 35°
Min. sheet thickness:	sheet steel min. 0.4 mm aluminum min. 0.5 mm
Trapezoidal sheet raised bead:	minimum width 25 mm
Distance between crowns:	100 - 333 mm
Connection:	4 pcs. Drilling screws (screw connection directly into the substructure/ purlins)
Mounting:	Roof-parallel, cross-connection
Distance to the edge of the roof:	Roof areas F and G can be occupied in accordance with EN 1991-1-4.
Module alignment:	horizontal
Module dimensions:	length and width as you like
Maximum module field size:	12 metres in rail direction
Maximum snow/wind loads:	are determined project-specifically by the online software MoSo.Pro.Tool.
Maximum building height:	25 m (higher on request)
Roof condition:	The static load-bearing capacity of the roof structure and the building structure must be ensured by the customer.
Materials:	supporting components made of aluminium EN AW 6063 T66; small parts made of stainless steel A2-70; EPDM



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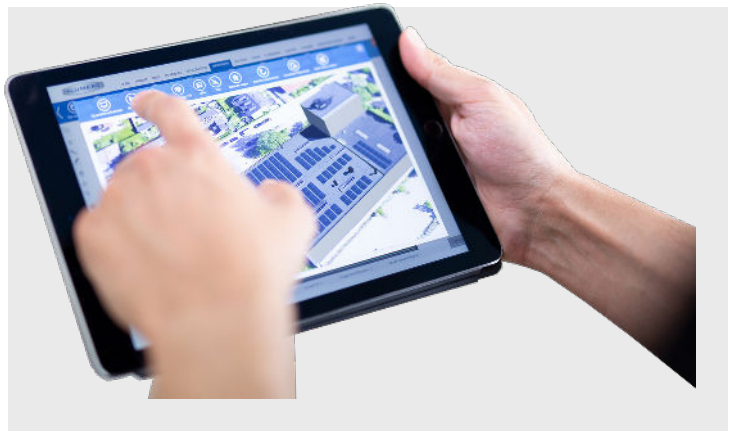
Project planning in 8 steps

1. Master data
2. Roof data
3. Defining roof
4. PV-Modules
5. Construction
6. CAD-plan
7. Static
8. BOM

PROJECT PLANNING - ALWAYS & EVERYWHERE POSSIBLE

We provide our customers with the possibility to create technical, project-related system designs incl. static calculations and project reports by means of the online software **MoSo.Pro.Tool.**



System components

you will find more articles in our product catalogue or on our website: www.mounting-solutions.com

Trapezoidal sheet metal bridge Plus S 400 Product number: 802449
Distance between crowns: 100-333 mm

Support profile
Product number: 80210x

Profile connector
Product number: 80215x

Cross connector 2.1
Product number: 802200

Cross connector TP95 2.1
Product number: 802203

Drilling screw
Product number: Upon request

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