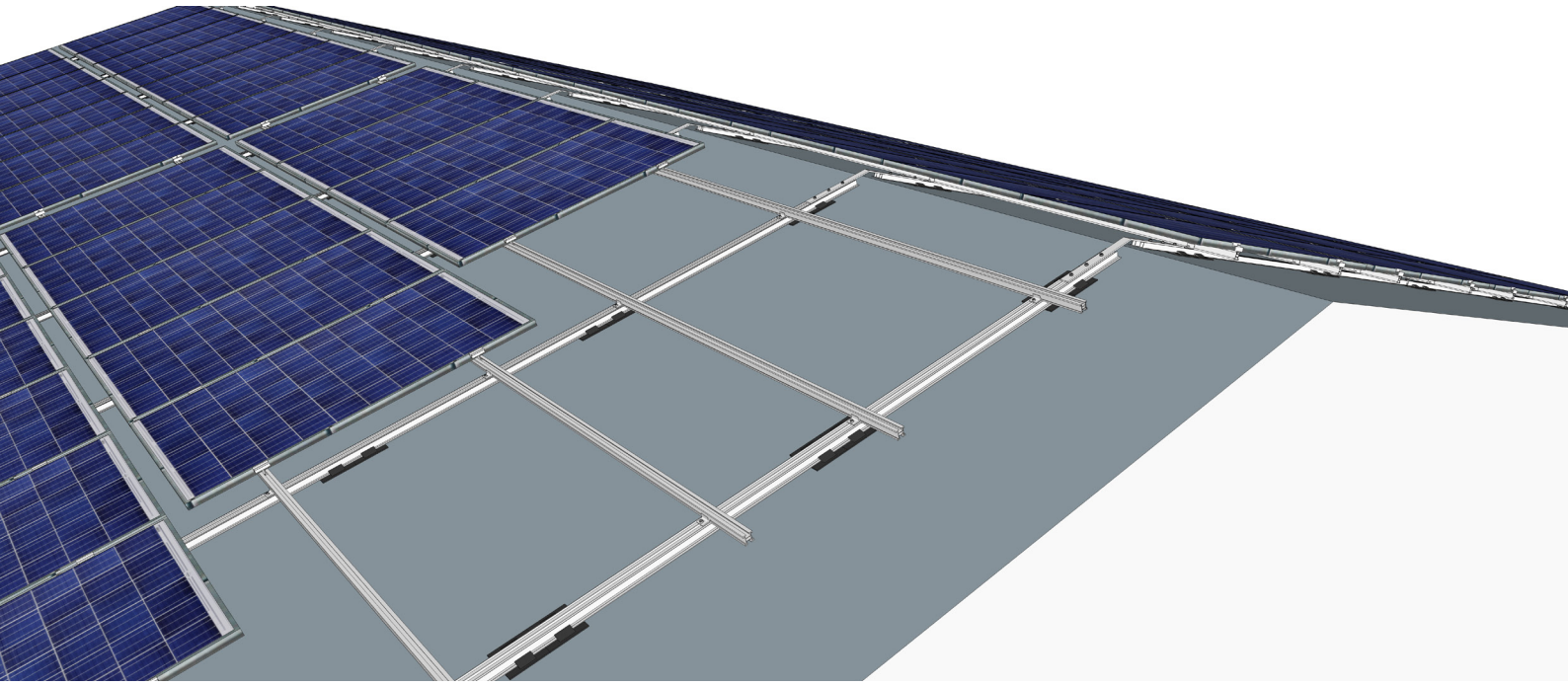
IROC® DP (roof parallel - mounting) without roof penetration

SOLARE ZUKUNFT



Data sheet

Simply Better IROC® DP for flat roofs / saddle roofs

The IROC®DP flat roof system is lighter, less expensive and faster to install than conventional systems. The continuous floor rail is an essential part of the IROC® system. This ensures a bond in the row. Less ballasting is required than with conventional systems without a continuous floor rail. Likewise, the floor profile can be used for individual cable routes. Our IROC® DP substructure is aerodynamic, low ballast and does not require roof penetration due to an over-ridge connection. All our components are statically verified. Pre-assembled components reduce assembly time. Likewise, for possible renovation work of the roof is possible without any problems. The system is packed for transport in a space-saving way. This results in lower transport costs than with conventional flat roof systems. The PV flat roof system IROC® DP is suitable for all bitumen and foil roofs.

Advantages:

- Structurally proven components
- I.F.I. certificate
- Quick assembly
- Without roof penetration
- Low ballast
- Optimal aerodynamic values
- Continuous bottom profile
- Wide contact area
- Roof protection mat included
- Easy assembly and disassembly
- Optimal air flow for modules

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Technical data: IROC® DP

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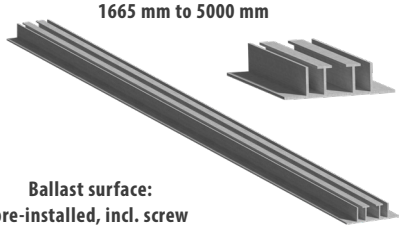
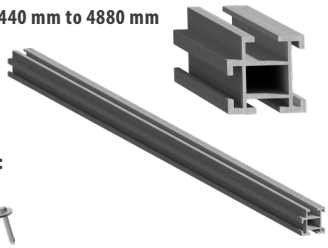
Installation angle	Roof parallel (without roof penetration)
Grid dimension	Dependent on module width
Roof edge distance	250 mm
Module size	Suitable for all module types (also for unframed modules)
Building height	Max. 35 meter
Snow load	Suitable for any snow load (depending on module)
Roof covering	Foil, bitumen, gravel, green and sheet metal roofs
Material	Screw connections V2A, all load-bearing components made of aluminum
Building protection mats	With aluminum lamination
Surface load	Approximately 15 - 30 kg/m² roof surface (substructure, module, additional ballast)
Roof pitch	Can be used with roof pitches of up to 30°
Product guarantee	10 years
Prerequisite	The load-bearing capacity of the roof and the roof insulation must be checked and guaranteed by the customer.

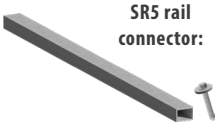
Floor rail:
1665 mm to 5000 mm



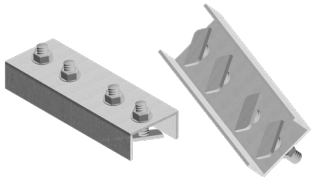
SR5 rail:
2440 mm to 4880 mm



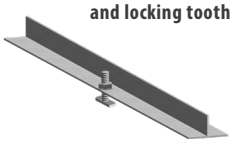
SR5 rail connector:



Connector for floor rail:
available with 2 or 4 holes,
fix and flexible

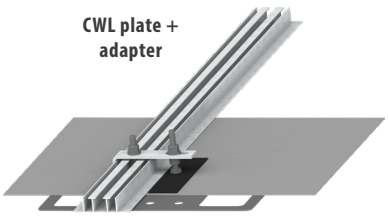


Ballast surface:
pre-installed, incl. screw
and locking tooth nut

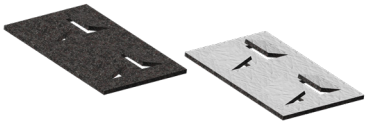


Roof ridge connector:
available with 4 or 6 holes

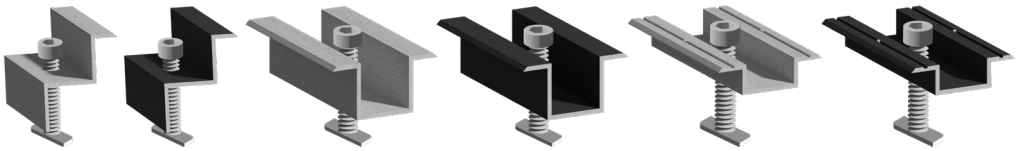
CWL plate +
adapter



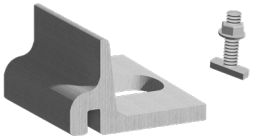
Roof protection mat:
aluminium-laminated,
notched for floor rail



End- and module clips: available in black and silver, different sizes, with or without pin



Cross connector:
for double layer and
horizontal installation



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