



Fixation of ValkPro+ and ValkPitched mounting systems by means of CW Lundberg mounting plates

Van der Valk Solar Systems and CW Lundberg Industri AB confirm, that ValkPro+ and ValkPitched mounting systems can be correctly fixed to insulated roof constructions by means of mounting plates* by CW Lundberg Industri AB. The combination has been thoroughly tested and results show that the products are compatible and the forces that can be applied on the PV-system are well within the required range. Therefore the standard warranty conditions for clients of Van der Valk Solar Systems for the ValkPro+ and ValkPitched mounting systems are applicable for this fixation method and product combination.

Please contact Van der Valk Solar Systems for a tailored advice on the required number of mounting plates for your project.

For correct installation of the mounting plate by CW Lundberg Industri AB, please refer to the instruction manuals available on www.cwlundberg.com.

Denis de Vette

Managing Director

Van der Valk Solar Systems B.V.

February 8th, 2024

Thomas Lundberg

CEO

CW Lundberg Industri AB

February 8th, 2024

** Specifications of the mounting plates are found in the Appendix.*

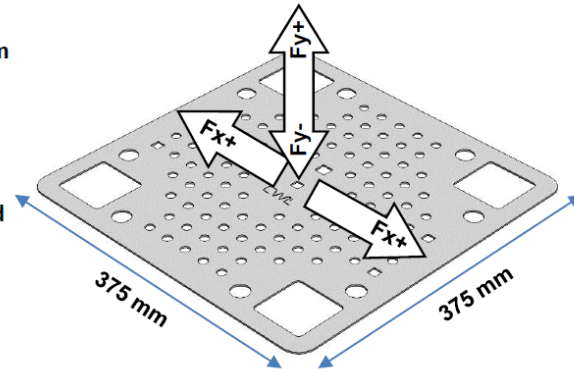
Product Data Sheet Solar Panel Bracket: Mounting plate 375 x 375 mm

Technical Specifications

- Dimensions: 375 x 375 x 2 mm
- Weight: 1.80 kg
- Corrosivity class: C4 40 years

Intended use

Mount for solar panel or snow and wind-exposed mount for e.g., ventilation hoods and signs, on bitumen membrane mat/felt roofs.



Accessories

- Carriage bolt M10x(32/50) A2
- CWL sealing washer
- Washer 10.5 x 20 A2
- Nut M10 A2
- Optionally: 4 pcs mounting screws, must be of the same type as used when installing the membrane.

Installation instructions for the respective membrane

- PVC, ECB/FPO-based membranes: M-349
- Bitumen-based membrane mat: M-350
- EPDM membrane with bitumen-based weld: M-351
- EPDM membrane (weldable): M-352

Manufacturer's Name and Contact Address

CW Lundberg Industri AB, Landsvägen 52, Box 138, 792 22 Mora, Sweden

Performance

Direction of load	Design values for serviceable load [kN]				Mechanical bracket type
	Parallel up (Fx+)	Parallel down (Fx-)	Normal up (Fy+)	Normal down (Fy-)	
Roof structure					
High profile steel sheet metal min 0.7 mm with insulation	7.0	7.0	3.5	4.0	Sheet metal screw with sleeve
Concrete min C25/30 with or without insulation	7.0	7.0	4.0	4.0	Concrete screw + optional sleeve
Lightweight concrete min 550 kg/m³ with or without insulation	7.0	7.0	3.5	4.0	Lightweight concrete screw + optional sleeve
Tongue-in-groove board G4-3 17 mm	7.0	7.0	3.0	3.0	Wood screw with metal washer
Tongue-in-groove board G4-3 22 mm	7.0	7.0	3.5	4.0	
Plywood K20/70 18 mm	7.0	7.0	3.0	3.0	
Screwed membrane in the inner central zone (low wind load)	4.5	4.5	0.2	3.0 - 4.0	Welded (without screw)
Compact roof (fully welded membrane)	7.0	7.0	3.0	4.0	

Design values for serviceable load refer only to mounting plate for solar panels or snow and wind-exposed mounting of e.g. ventilation hoods and signs. Load is borne centrally on stainless M10 carriage bolt or on stainless M12 carriage bolt with offset from centre. Load values should not be confused with roof safety performance requirements.