

Product Data Sheet Solar Panel Bracket:

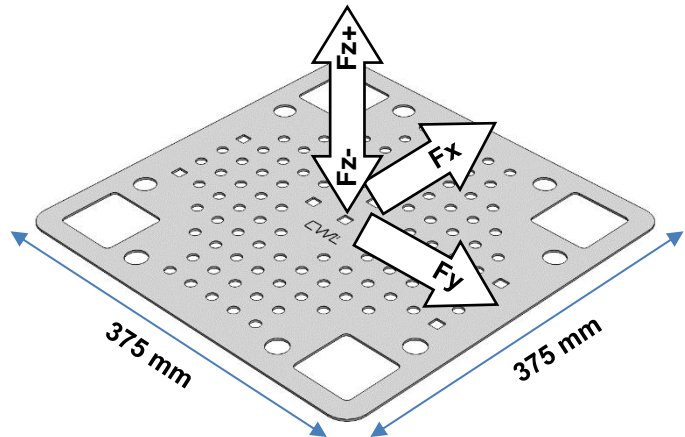
Mounting plate 375 x 375 mm

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

Roof structure	Design values for serviceable load [kN]				Mechanical bracket type
	Direction of load Parallel up/down (Fy)	Parallel sideways (Fx)	Normal up (Fz+)	Normal down (Fz-)	
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/m ³ 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.