New release

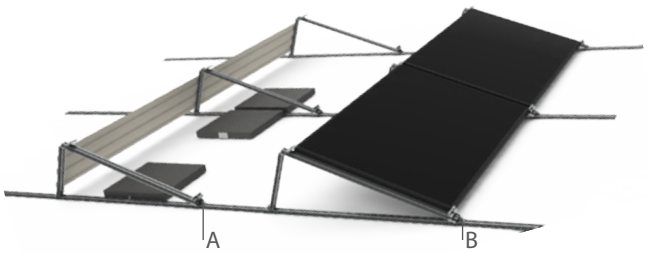
# BISOL EasyMount ALU Base

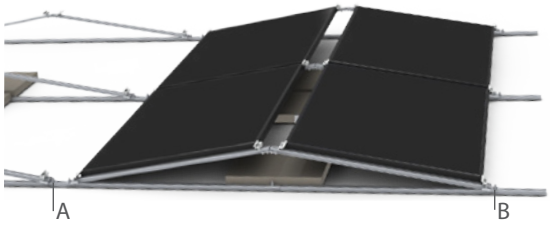
## Cost effective lightweight solution for hassle-free installations

BISOL
Solar company!

This lightweight, but sturdy mounting solution requires no roof penetration and is suitable for flat roofs covered with bitumen, gravel or synthetic membrane. The ALU base is available in south-facing or east-west orientation at various inclinations and with adjustable spacing between rows. The entirely free-standing structure is delivered pre-assembled to simplify mounting and reduce the installation time.

| Technical Specifications | BISOL EasyMount ALU Base 125/200/300 | BISOL EasyMount ALU Twin Base 100 |
|---|---|---|
| Application | Flat roofs | |
| Roof incline | Up to 5° | |
| Method of installation | Direct laying without roof penetration | |
| Module incline | 12.5°, 20° or 30° (other angles available upon request) | 10° |
| Module orientation | Landscape | |
| Module frame tolerances | Width: 200 - 1020 mm (7.87" - 40.18") / Frame thickness: 35, 40 or 45 mm (1.38", 1.57" or 1.77") applicable to different clamp types | |
| Material | Aluminum EN-AW 6060 T5 (ALU Rail 80) / Stainless steel A2-70 (fastening elements) | |
| System weight without ballast | 0.015 kN/m² (without PV module) | 0.01 kN/m² (without PV module) |
| Snow load per system | 0 – 2.40 kN/m² (with BISOL PV modules) | |
| Wind load (velocity) | 0 – 115 km/h (71 mph) | |
| Additional stabilization | Ballast / Windshields | Ballast |



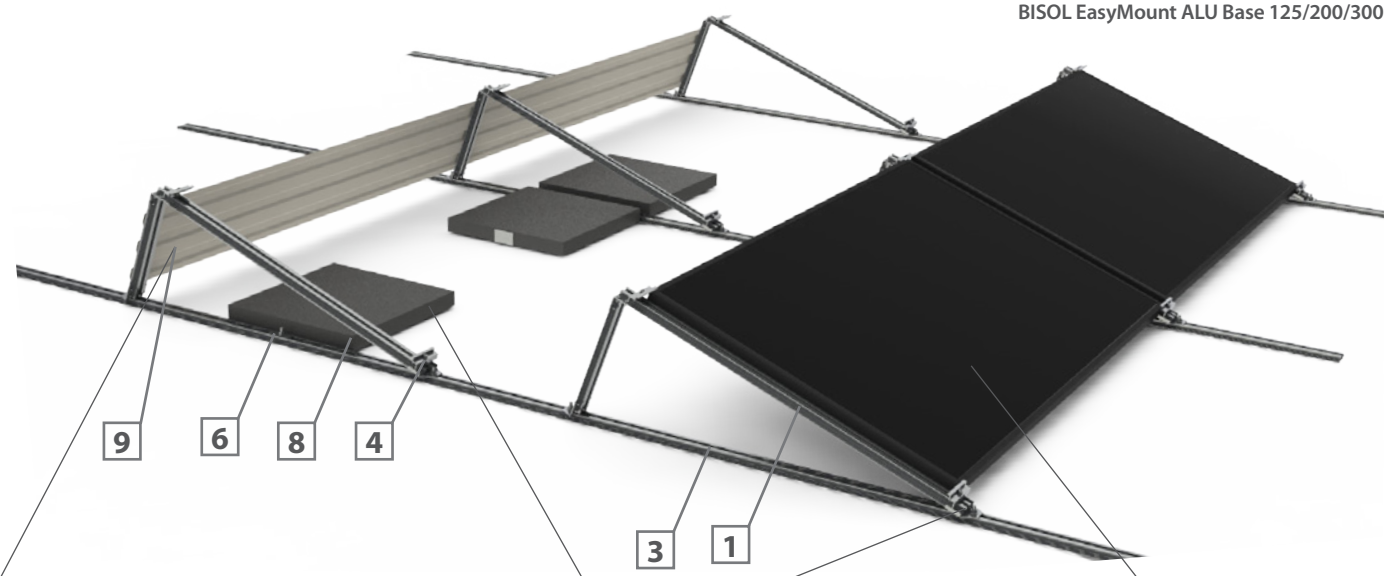

| Product name | Module incline (°) | Recommended distance from point A to point B[1] |
|---|---|---|
| BISOL EasyMount ALU Base 125 | 12.5° | 141 cm (4' 8") |
| BISOL EasyMount ALU Base 200 | 20° | 153 cm (5') |
| BISOL EasyMount ALU Base 300 | 30° | 167 cm (5' 6") |
| BISOL EasyMount ALU Twin Base 100 | 10° | min 227 cm (7' 5") |

[1] Layout example for optimal yield-to-installed power ratio in Central Europe. Adjustable upon request.

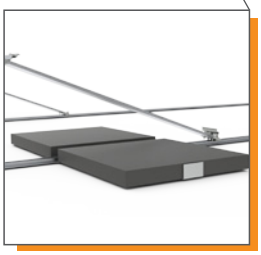
- 10-year durability guarantee
- Designed to fit most PV modules
- Adjustable distance between rows
- Packaged for economical transport
- Cost-effective solution
- Quick and easy installation

## System Components

**BISOL EasyMount ALU Base 125/200/300**




Metal windshields can be installed to achieve better wind resistance.

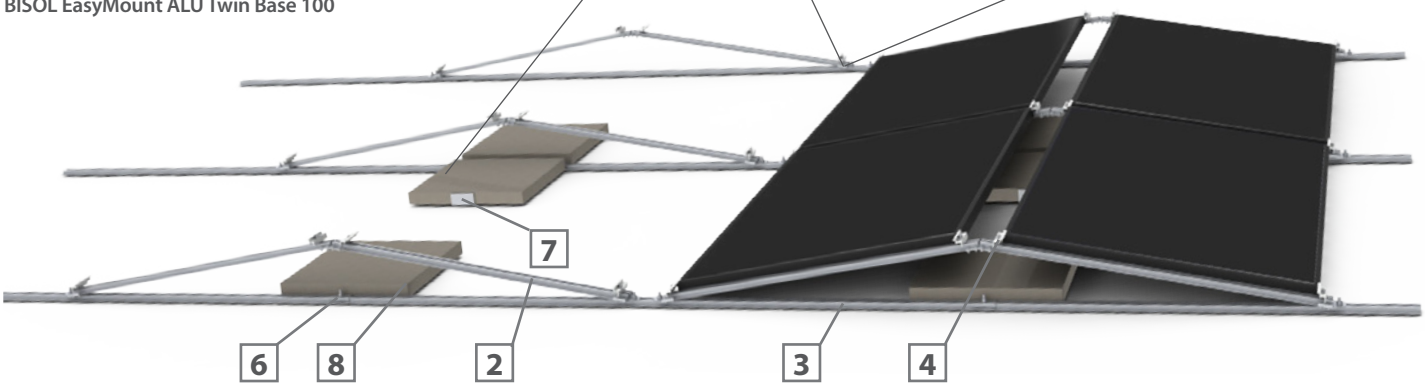


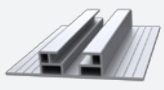
Additional ballast (concrete slabs) can be placed into specially prepared ballast pan fixed to the structure.

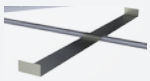
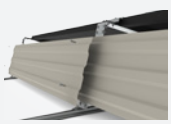
PV modules are fixed to the structure with end clamps.

The extension of ALU Rail 80 profiles can be achieved using preassembled connectors.

**BISOL EasyMount ALU Twin Base 100**




| | Component | ID Code | Component description |
|---|---|---|---|
| 1 |  | SEKP-EMTAB_125<br>SEKP-EMTAB_200<br>SEKP-EMTAB_300 | EasyMount ALU Base 125<br>EasyMount ALU Base 200<br>EasyMount ALU Base 300 |
| 2 |  | SEKP-EMTW_100 | EasyMount ALU Twin Base 100 |
| 3 |  | SEK-EMRL80_5850 | EasyMount ALU Rail 80 x 5850 mm |
| 4 |  | SEKP-EMEC25 | Clamp end EasyMount 25 mm, preassembled |
| 5 |  | SEKP-EMCRL80 | Connector set for EasyMount Rail 80 |

| | Component | ID Code | Component description |
|---|---|---|---|
| 6 |  | SEKP-EMT_BPN | Ballast pan EasyMount, set |
| 7 |  | SEK-EMT_BPNRL | Ballast pan EasyMount for ALU Rail 80, double-sided |
| 8 |  | SEK-LOAD_CP15 | Load Concrete plate 40/40/4 cm (15kg) |
| 9 |  | SEK-TWS125_1720W<br>SEK-TWS200_1734W<br>SEK-TWS300_1750W | Windshield 12,5 1700x200mm, white<br>Windshield 20 1700x340mm, white<br>Windshield 30 1700x500mm, white |
| 10 |  | SEK-DIN7504_5525 | Screw self-drilling 5,5x25 with washer |