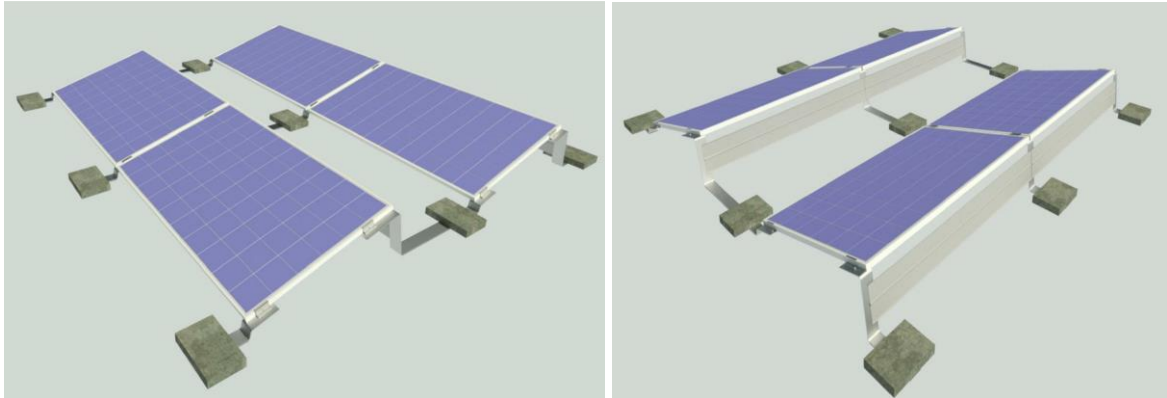




SOLUTIONS FOR SOLAR ENERGY

SL Efficient™ ballast mounting system for PV elements on flat roofs. For south side



A. General Features

Made from aluminum, lightweight. Anti-corrosion and high strength. Mounting without intervention to roof. Recyclable.

Color: mill finished.

Easy to mount with unique clamps (made from aluminum).

System consists of very small number of components. It makes transportation, mounting and accounting simple and efficient.

System is made of environmentally friendly, natural and recyclable materials: aluminum (structural parts and fastening parts), felt (heat-insulating part).

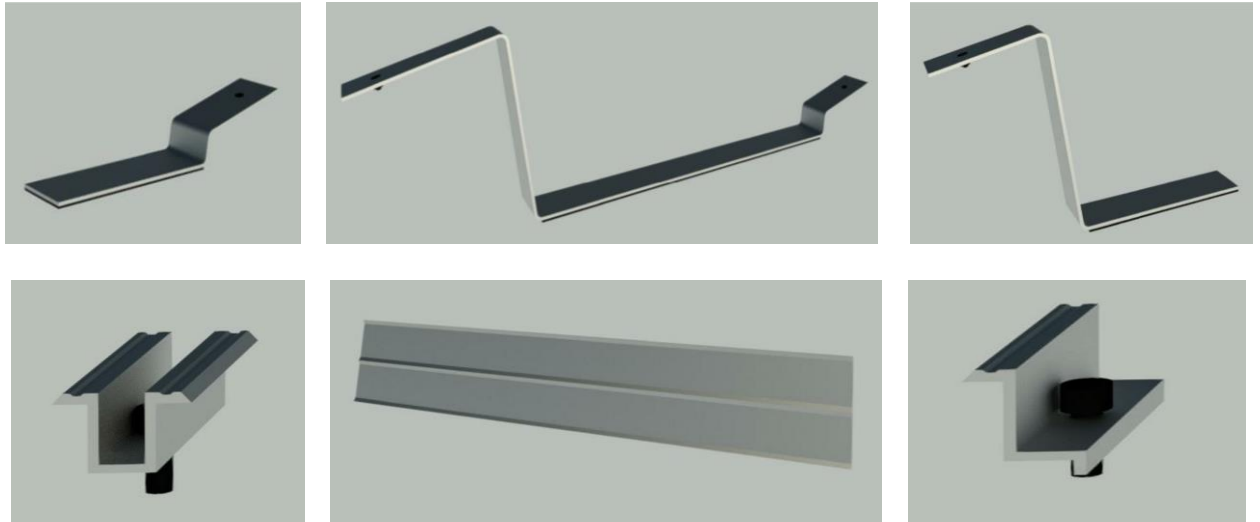
As a result of the installation of the system, all components "bond" to each other, and it becomes a structure ensuring the stability of the solar power plant.

B. Simple mounting

1. Aluminum connecting components (front, middle and rear) are placed on the roof. Felt is glued to the bottom of the aluminum components to protect the roof from heating.
2. Aluminum connecting components are fastened with ballast (special soles are placed under the ballast).
3. PV element is placed on the aluminum connecting components.
4. PV element is locked with easy-to-attach aluminum clamps.
5. The structure is covered with simply attached aluminum windshield.

C. System Components

- Aluminum connecting components: front, middle, rear. Stainless steel nuts are pressed into the components. The bottom of the components is covered with a layer of felt. Color: mill finished.
- PV element clamps (side and middle), consisting of: aluminum spec. profile, stainless steel bolts. Color: mill finished or black anodized.
- Ballast soles: made of technical felt.
- The Windshot: made of aluminum



D. Basic Technical information

- Aluminum components: according to EN AW 6060 T63, EN AW 6063 T63
- Stainless Steel bolts: A2-70 according to DIN
- Technical felt (93% natural wool, 7% synthetic add.)
- Wind loads: up to 2,4 kN/m²
- Snow loads: up to 1,6 kN/m²
- Mounting angle: 15degree S
- Insurance: Covered by Vienna Insurance Group. Product Liability 50.000 EUR
- Made in EU

ISO 9001:2015 | ISO 14001:2015
BS OHSAS 18001:2007



Cert. TIC 15 100 181048 | TIC 15 104 181635
TIC 15 116 18884

TC EN ISO/IEC 17025



AB-1487-T

TC EN ISO/IEC 17020



AB-0550-M

