

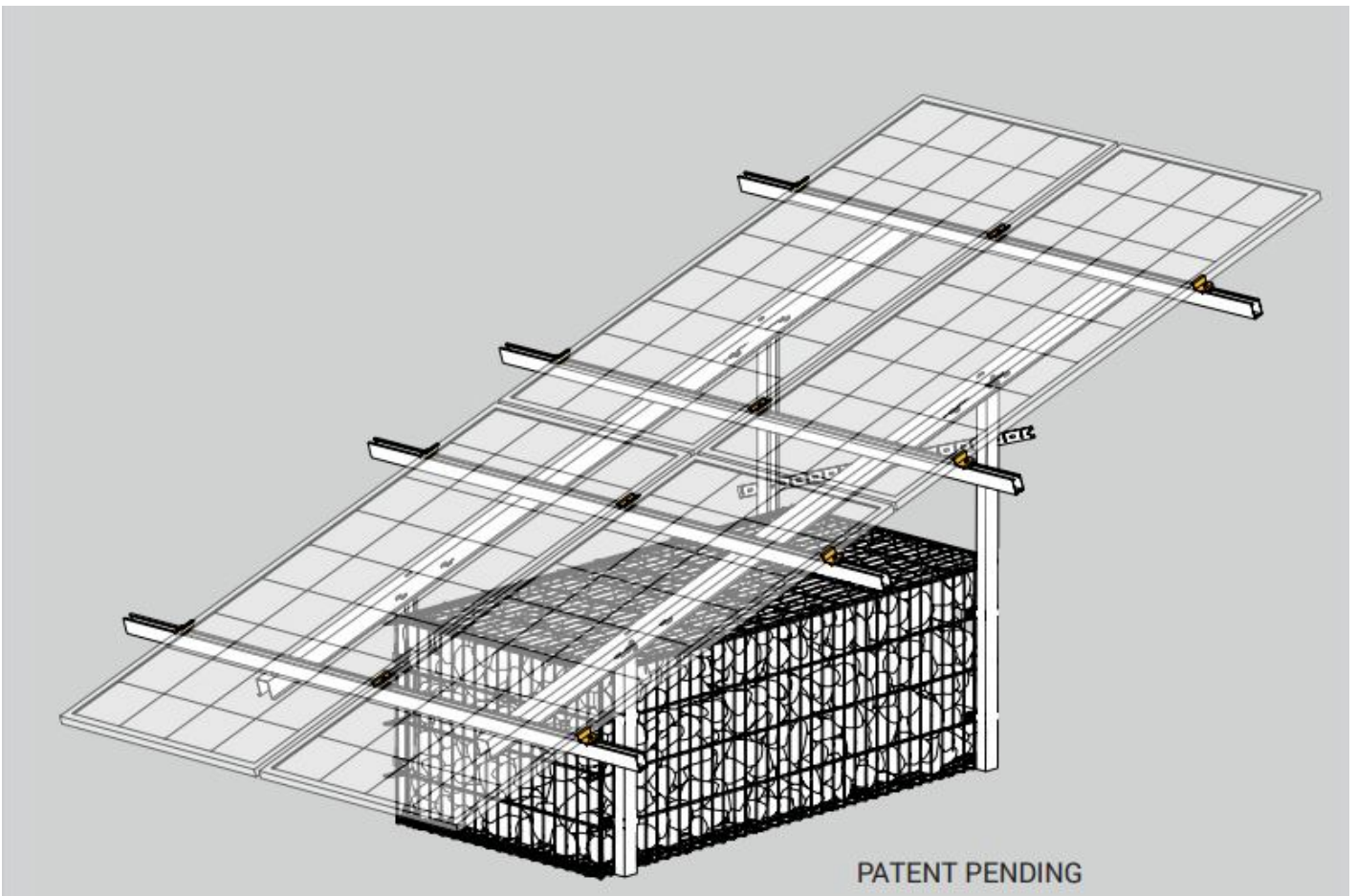


**With our gabions we help the planet  
to gain regenerative energy**





## GROUND INSTALLATION SYSTEM WITH GABIONS



## System description:

### GABBION: LEDROSTEEL – BOX model, sizes: 200 x 100 x h.75 cm

#### TECHNICAL FEATURES:

##### Characteristics of the wire

diameter 6 mm aluzinc/Galfan tensile strength of the wire > 520 MPa (EN 10223/8, ISO 6892, EN 10218-1).

##### Corrosion protection

Galvanic coating Zn/Al (zinc 95% - aluminum 5%) > a 290 gr/mq, in accordance to the norm UNI EN 10244-2 class A – Accelerated aging test of 1000/h in salt spray with less than 5% of the surface affected by rust (EN ISO 9227).

##### Shear strength of the welds

average shear strength of welds > of 75% of the resistance of the wire, performed on a sample of 4 randomly selected welds (EN 10223/8).

##### Mesh sizes

50 x 200 mm single vertical wire and double horizontal wire.

##### Side panel configuration

Two long side panel, facing each other, which present Z-shaped hooks (patented) at the end, to guarantee the anchoring to the bottom panel, and U-shaped hooks on the sides, to anchor them to the short side panel; Two short side panel, facing each other, which present U-shaped hooks (patented) at the end, for the anchoring to the bottom panel;

##### Cover panel and bottom panel configuration

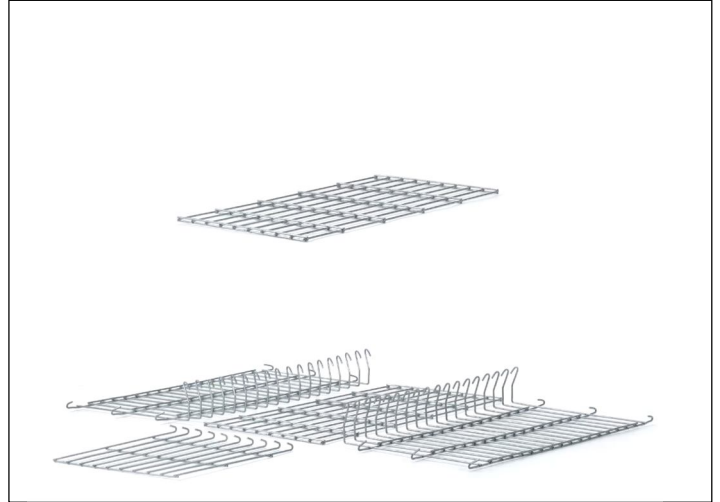
One double-wired bottom panel, to resist the deformation caused by weight and a single wired panel as cover

##### Internal rods configuration

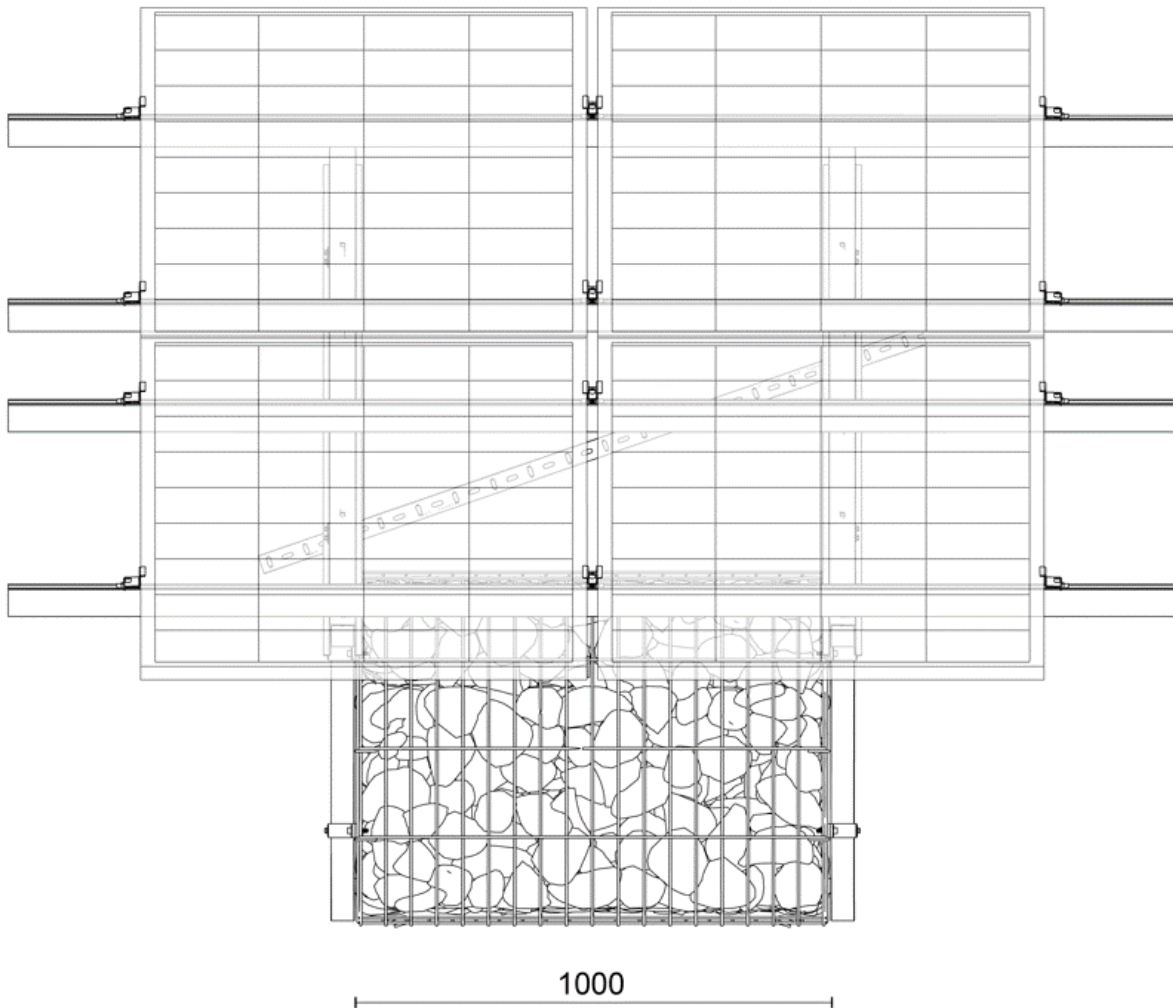
Internal rods with a diameter of 6 mm, with hooks and in such a number to evenly distribute the internal thrusts

##### Lifting system

Liftin accessories with CE marking, according to the directive 2006/42/CE of the European parliament and the council of the 17th of may 2006, regarding the machinery



## Support for solar panels:



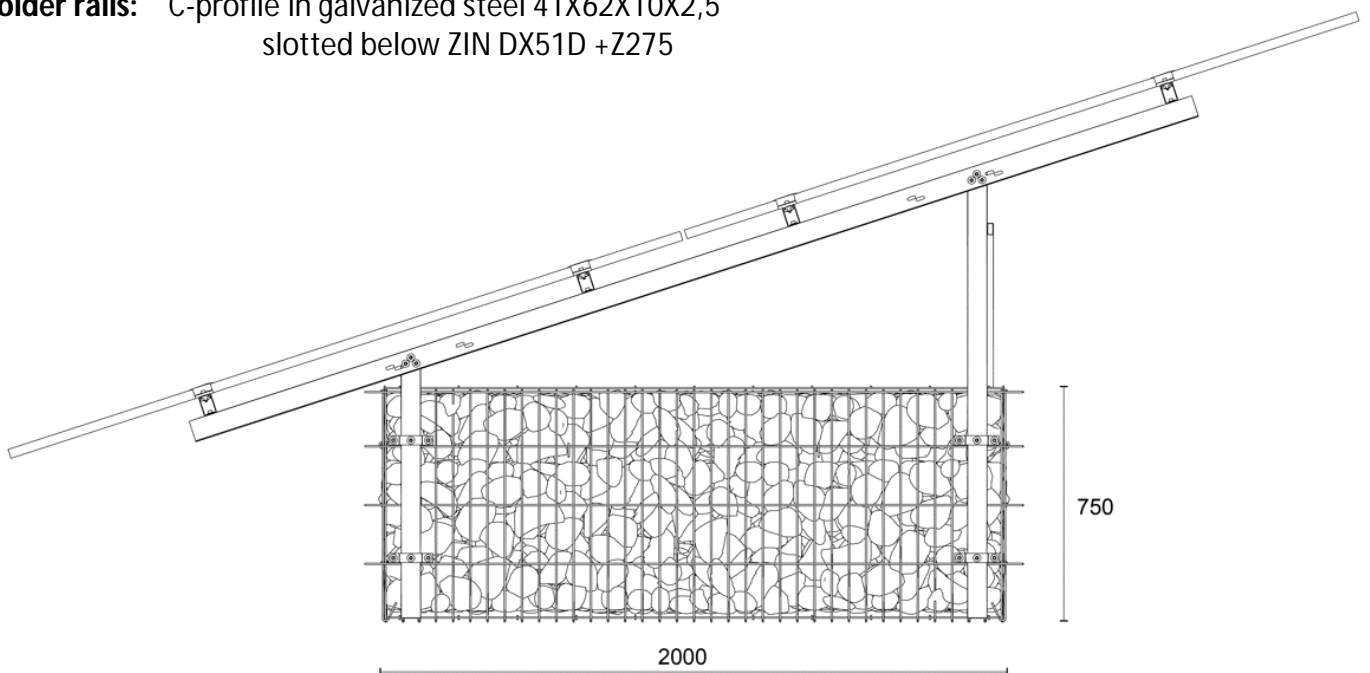
### TECHNICAL FEATURES:

**For the hypotenuse:** Hot-dip galvanized steel omega profile 70x56x15x2 ZIN DX51D +Z275

**For the C:** C profile 15x50x63 Zin S350GD+Z275

### For the module

**holder rails:** C-profile in galvanized steel 41X62X10X2,5  
slotted below ZIN DX51D +Z275





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PV MOUNTING SYSTEMS

*Respecting your world*



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