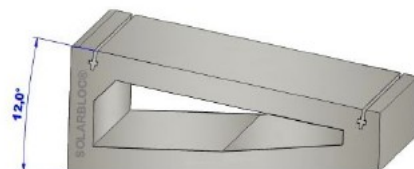
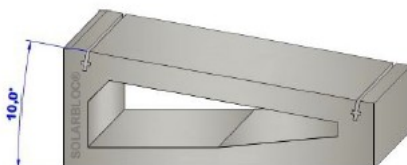
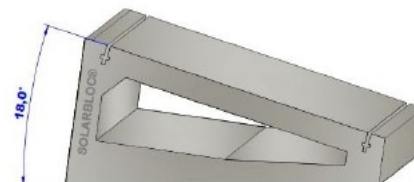
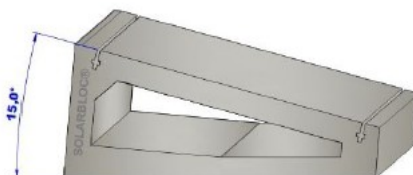


NEW TILT ANGLE

Concrete support for
solar panels



SOLARBLOC® 10°, 12°, 15°, 18°



SOLARBLOC® expands its scale to 7 models
(10°, 12°, 15°, 18°, 28°, 30°, 34°)



The new models allow installation of the
panels horizontally and vertically.
Designed with clamping rail anchors to simplify
assembly and reduce costs.

SOLARBLOC®

The mounts are faster than before.

With **SOLARBLOC®** you will get
save where now you can not.



www.solarbloc.es

www.grupoduranempresas.es

SOLARBLOC®

MOUNTING SYSTEM

Introducing SOLARBLOC® as a mounting system **without structure and anchorage points** for the installation of solar modules on roofs or flat surfaces.

SOLARBLOC® is a precast concrete, designed to simplify the installation of solar systems and **reduce costs** by reducing the rest of materials needed.

The SOLARBLOC® support is developed with a **geometry and mass** to fix the **panels directly to it**, this mass is needed to counteract the force of the wind and external influences.



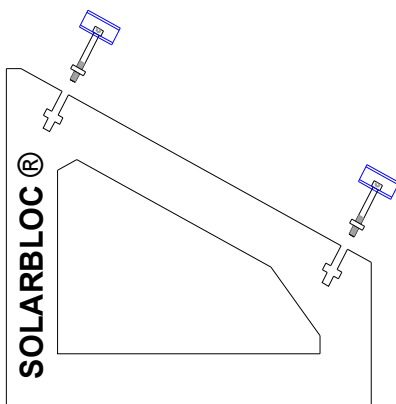
SOLARBLOC® **removes the process of metal structure mounting** and weighting or anchoring.

The mounting system SOLARBLOC® is **instantaneous**. No need to anchor the bracket to the cover, so that it does **not affect the sealing** of this.

Simplify as much as possible, simply place the supports in the designated area and fix the panels to the support SOLARBLOC®.

Advantages SOLARBLOC®:

- PV assembly system of a single component.
- Support self-ballasting, made of concrete.
- Securing the panel via built to support rail.
- Eliminates the metal structure.
- Eliminates the weighting structures.
- Eliminates the process of drilling and anchors to the deck.
- Shortens assembly of PV installations.
- Reduced Price.



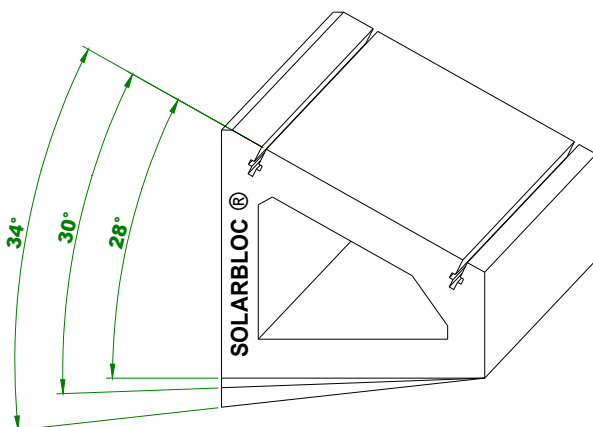
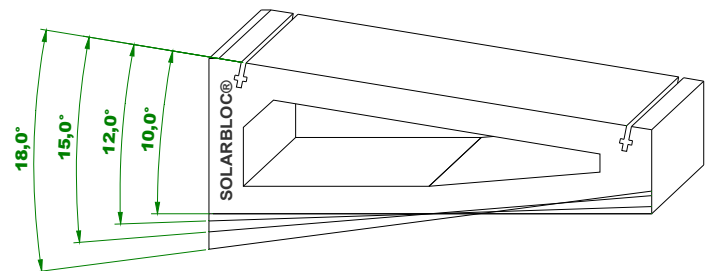
The SOLARBLOC® Position:

- Place SOLARBLOC® media in the desired location (between two people).
- Mount panels fixings in concrete lane.
- Install panels on the stand and tighten.



Technical data:

- Support self-weighting.
- Composition; concrete.
- Tilt supports; 10°, 12°, 15°, 18°, 28°, 30°, 34°.
- Weight; 50kg, 68kg, 71kg, 76kg.
- Fixing of panels; by rail and screws.
- Dimensions; long (90to50) wide (30to15)cm.
- ud / pallet: 24-16



With SOLARBLOC® cover or flat surfaces will minimize costs:

- For its simplicity.
- Speed of execution.
- For savings structure.
- We eliminate the process of anchoring or ballast to the deck structures.
- Do not compromise the waterproofing of roofs.

concrete support for solar panels



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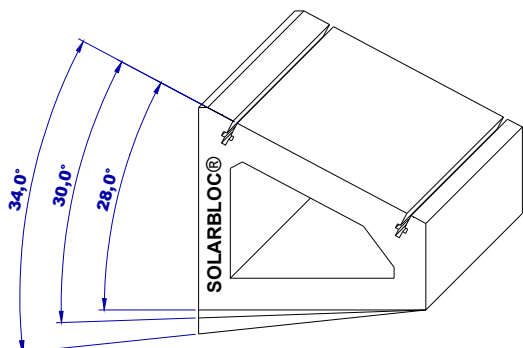
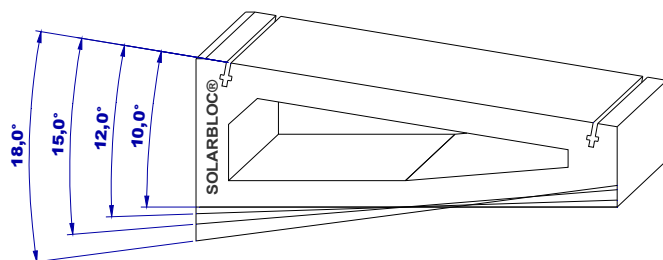
fabrica@pretensadosduran.com



SOLARBLOC® ASSEMBLY AND INSTALLATION

1. Choose Solarbloc® support with the degree slope that suits us (10°, 12°, 15°, 18°, 28°, 30°, 34°)

The Solarbloc® decks and flat surfaces, the system allows you to set the solar panels directly to the support, so it is not necessary to mount some structure.



The Solarbloc® supports are manufactured in seven different grades, 10°, 12°, 15°, 18°, 28°, 30° and 34°.

We must choose the most suitable carrier tilt considering the needs of the installation.

2. Mark the work area

After selecting the angle, we have to mark the area where the Solarbloc® parts are placed to support the solar panels.

The ground or surface where Solarbloc® are supported should be flat, otherwise it has to be leveled.

When you mounted it on dirt floors we recommend using gravel to level the ground.



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3. Move support Solarbloc® Covers the areas set

The pieces have a mass between 50 and 76kg, depending on the degree of inclination of the support, so to be placed just between two people displace the selected location.

Although it is advisable to use for commuting truck stand on the deck.

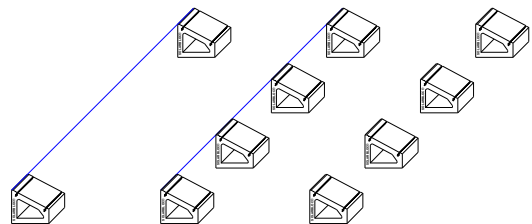


3.1. Handling of the Supports

1- Download the pallets in areas of installation.

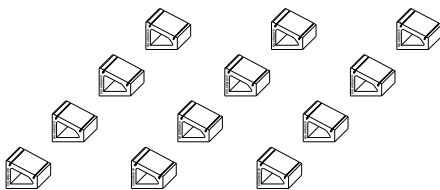
2- Place the first and last row support and join them by a rope stakeout at the top. It will be used to verify leveling and alignment.

3- Complete the row with Solarbloc® supports according stakeout established.

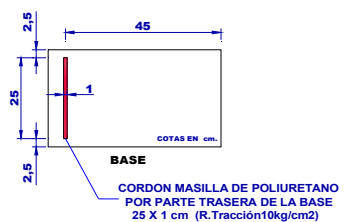


Comment:

It is recommended to attach the brackets to the surface, with a bead of adhesive to prevent skidding on slick surfaces, extremely fine or to increase resistance to strong wind.



PEGADO PIEZA POR BASE (en caso de ser necesario)

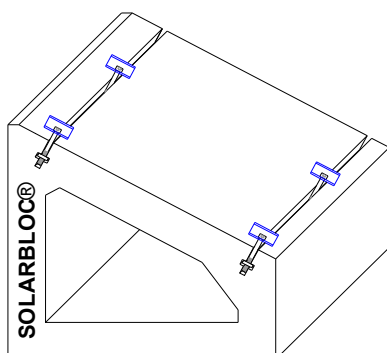
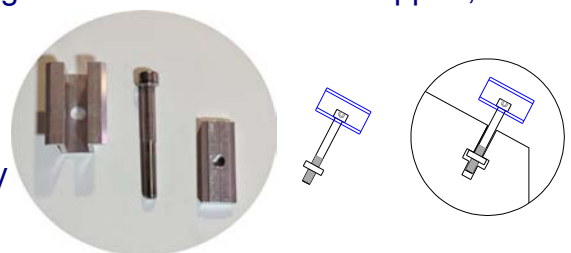


4. Install anchors to secure the support Solarbloc® solar panels

After placing the brackets, proceed to mounting anchors on Solarbloc® support, performing the following steps:

1- Assembling the anchor comprising; omega aluminum screw and nut wing.

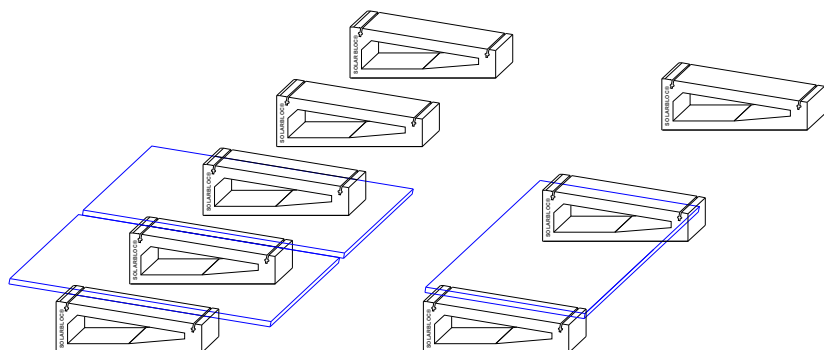
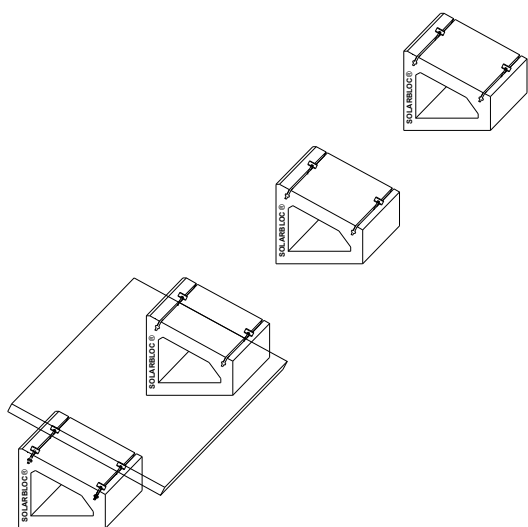
2- Insert the assembled concrete anchor rail by the side of Solarbloc®.



5. Fixation of solar modules on Solarbloc® support

Once the anchors have been mounted to Solarbloc®, the solar panel's frame will be fixed to the upper inclined plane of Solarbloc®.

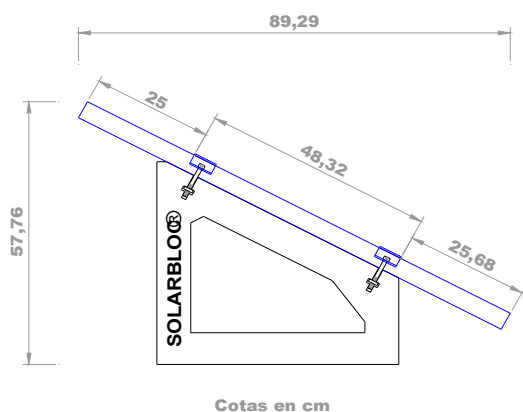
In Solarbloc® with 28°, 30° and 34°, panels are mounted horizontally.



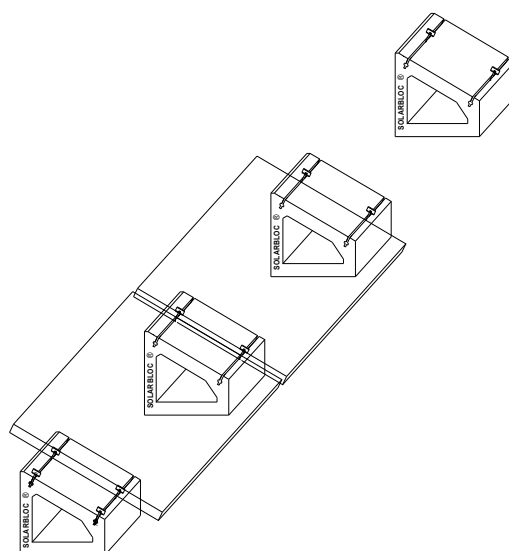
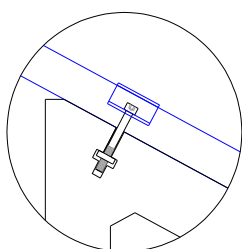
Solarbloc® with 10°, 12°, 15° and 18° allow mounting panels vertically and horizontally.

1- Support the ends of the solar panel "horizontally" on the surface of the work piece (upper inclined plane).

2- Place the panel with the specified dimensions and adjust anchors the panel frame.



3- Finally, place the next panel and tighten the anchors to secure them.



Each support includes two anchors required for fixing panels.

SOLARBLOC® ADAPTABLE TO ALL MARKETS

Because of its simplicity, **SOLARBLOC®** is adapted to any geographical location, being very appreciated by installers and engineering companies due to simplifies their working method and assembly.

Besides **SOLARBLOC®** sales that occur throughout the country (Spain), PRETENSADOS DURÁN SL has immediate supply capacity in the countries of the European Union, as it works in collaboration with international transport agencies for groupage shipments, complete trucks or containers sea.



PRETENSADOS DURÁN S.L. Offers the possibility to study **SOLARBLOC®** deals for any geography situation.

SOLARBLOC® mounting system is an innovative and unique product. Designed, developed, manufactured and **registered** by **PRETENSADOS DURÁN S.L.**



PRETENSADOS DURÁN S.L. will answer any questions about your product **SOLARBLOC®** and

you can also request free quotes to study facilities.



Grupo Durán
empresas



Email: fabrica@pretensadosduran.com

Headquarters

C/ Juan Ignacio Rodríguez Marcos, 1 A

06010 Badajoz (España)

Phone: 0034 625 13 10 79

Fax: 0034 924 229 405

www.solarbloc.es

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