

BULNES System

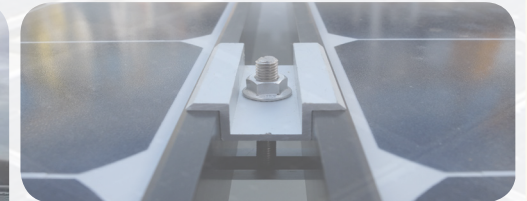
Angle structures



The "Naranjo de Bulnes", also known as "Picu Urriellu", is located at the "Macizo Central" within "Picos de Europa", in Asturias (Spain).

The first reference to this mountain as the "Naranjo de Bulnes" is owed to the German engineer Guillermo Schulz, who edited the first topographic and geological map of Asturias back in 1855. The origin of this name is not fully clear but it is believed to be due to its orange color that the rocks which compound it are made of.

It's height is 2519m and even though it is not the highest mountain within the "Cordillera Cantábrica" mountains system, it can be considered the most emblematic mountaineering peak, specially the 550 m of vertical walls in its west side.



Contact

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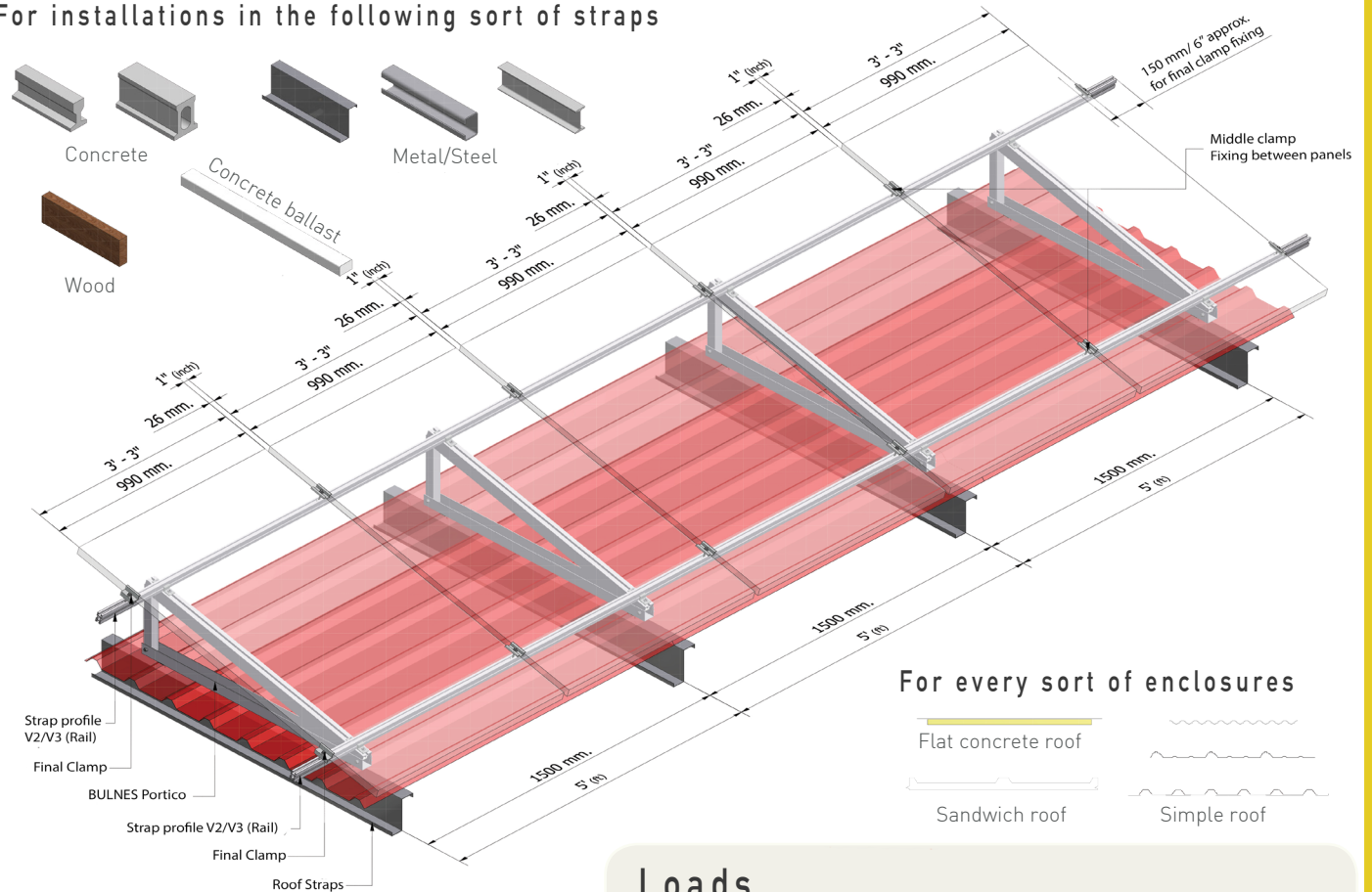
Guarantees

- ✔ Designs based on local climatic loads
- ✔ Panels universal fixing
- ✔ High versatility and suitability
- ✔ Special clamps: Thin & Frameless
- ✔ Quick delivery
- ✔ Comfortable installation
- ✔ Materials 25 years guarantee
- ✔ Works 2 years guarantee

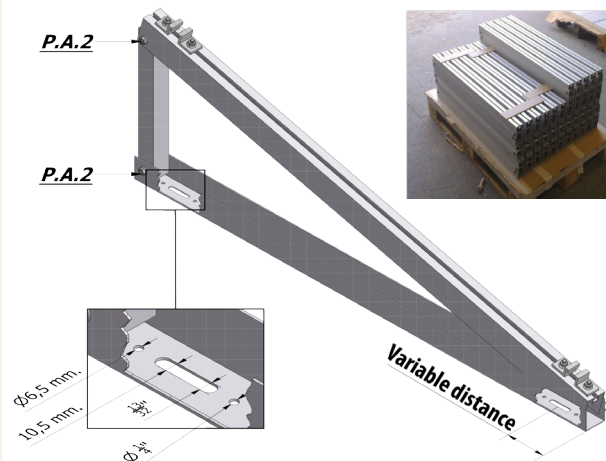
Technical specifications

- Profiles, clamps and accessories made in first fusion extruded aluminum
- Stainless steel A2/A4 hardware qualities, depending on the climate, with surface treatments option
- Loads direct transmission to the main structure. Direct fixing to the straps
- Fixations with EPDM double-sided adhesive, ensuring tightness and resistance to thermal gradient and UV rays
- Antitheft screw option, hardware grooves system
- Several configurations available
- 100% reusable materials

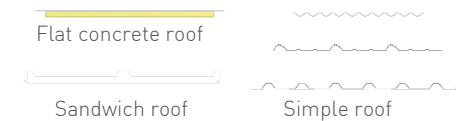
For installations in the following sort of straps



Porticos are supplied pre assembled



For every sort of enclosures



Loads

Wind

Up to 240 kmh (150mph).

Calculations made based on climatic charges depending on the project's location

Snow

Up to 2 kN/m²

Weights

Horizontal panels

3.25 kg/m²

Vertical panels

2.49 kg/m²

Approximate weights including hardware