

## Triangular Structure Series ECT-O



Structure anchored to the roof and structure of the warehouse or building.

Materials: Aluminium and stainless steel A2 hardware.

Possibility of anodized aluminium for coastal areas / other requirements (aggressive industrial environments,...).

Panels are anchored with clips (fitted according to the thickness of the panel).

Adaptable to:

- any kind of roof, inclination according to the roof.
- any kind of module. Design based on the module and the panel layout, a solution for each project.

**In compliance with CTE (EUROCODE) regulations 130 KN/m<sup>2</sup> snow and 130km/h wind.**

### Construction Advantages

- Adaptable to any kind of roof.
  - Possibility of modification of the bars during building work without affecting to the anti-corrosion properties of the materials.
  - Very lightweight.
  - Easy and quick to mount.
  - Adaptable to any kind of panel, until 1,700 x 1,100 mm.
  - A module is placed in a horizontal or vertical position.
  - Design produced for building work and installation.
  - Adaptable to any possible modification in building work \*
  - All materials under warranty of 25 years
- \*(Previous consultation with Extrusun Engineering)

Type of profile	Extruded aluminium 1st fusion. Alloy 6063-T5
Density of aluminium	2,35 gr/cm <sup>3</sup>
Hardware (screws, etc)	Stainless steel (A2)
Apprx. weight	3,86 kg/m.l (including hardware)

Wind load	Qe=2,6 KN/m <sup>2</sup> (more unfavourable peninsular wind zone). Speed Ref. 130 Km/h, industrial zone h=30m
Snow Load	1,2 kN/m <sup>2</sup> (120 Kg/m <sup>2</sup> ), topographical locations located between 0 and 1,000 high safety factor for more unfavourable zones within the country.

