

Datasheet

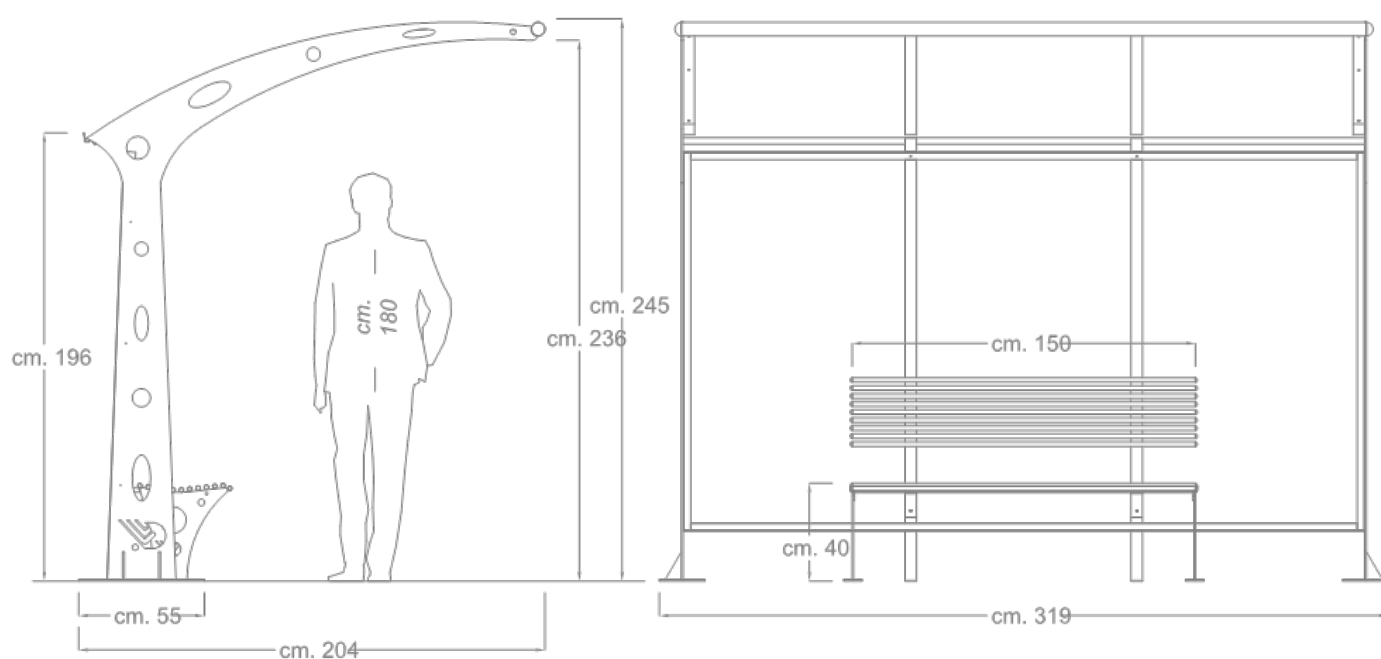
Acaya cantilevered shelter

Product code 231

Rev. 0 of 16/03/2017



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DESCRIPTION

Structure

Consisting of 2 vertical load-bearing structures, with upper arches made of galvanized sheet metal thickness mm. 8 obtained by laser cutting, each structure is characterized by decorative hollowings alternating with an ellipsoidal and circular shape.

- Base plates, ellipsoidal shape, made of galvanized sheet metal thickness mm. 8 equipped with circular holes for anchoring to the cement foundation, stiffening triangles in galvanized sheet metal thickness mm. 8, welded between the base plate and the load-bearing structures;
- Back wall consisting of a perimeter frame in galvanized steel angular profile mm thick. 3 with 2 vertical uprights in mm. rectangular galvanized steel tube. 50x15x1.5. Infill in transparent honeycomb polycarbonate, 10 mm thick, supported by 10 mm rectangular galvanized steel tube profiles. 30x10x1.5 and 50x10x1.5.
- Roofing made with a frame made of mm. rectangular galvanized steel tube profiles. 50x15x1.5; front crosspiece in Ø mm galvanized steel round tube. 60x2 complete with spherical head PVC end caps;
- Rear gutter for collecting and discharging rainwater.
- Upper infill in opaque honeycomb polycarbonate, thickness mm. 6.

Bench

Consisting of 2 supports harmonized with the vertical structures, made of 5 mm thick galvanized sheet metal obtained by laser cutting, both characterized by decorative carvings, base plates welded to the supports and made of 5 mm thick galvanized sheet metal, both plates are equipped of circular holes for fixing to the ground.

- Seat made up of 12 profiles in galvanized steel round tube of Ø mm. 20x1.5 complete with spherical head PVC end caps.
- Backrest made up of 9 round galvanized steel tube profiles of Ø mm. 20x1.5 complete with spherical head PVC end caps fixed to the rear wall.

Overall weight: 265Kg

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COLOR FINISH AS PROVIDED IN THE CATALOG



Gun metal gray
(Steel parts)

Customers can request a different finish from the RAL color options available on our website.

PRODUCT OPTIONALS

Product code 231-B - Noticeboard for Acaya shelter, Width 102 cm, Height 81cm



Product code 500 - photovoltaic

Product code 231-DIM - Template for cantilevered Acaya shelter installation

PRODUCT VARIANTS



Product code 231-BIS - Shelter Acaya with sides walls

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ANTICORROSIVE TREATMENTS AND FINISHES

Washing

Spray treatment is used to get rid of oils and fats from metal surfaces by using special degreasing liquids. The process involves drying in a dryer for 15 minutes.

Sandblasting

The porosity of metal surfaces is increased by the manual sandblasting process with river sand, which results in an increase in thermosetting powder adhesion.

Anticorrosive application

The first step in the coating process involves using a thermosetting powder anti-corrosion base made of epoxy resins and specific pigments. It provides enough protection against the elements.

Anticorrosive polymerization

The process involves cooking in an industrial curing oven at 180°C. In this step, the powder is transformed into a coating that is uniform, smooth, and lasting.

Polymerization coloured finish

The final phase of coating with thermosetting powders. The application complies with the same principles as the anti-corrosion.

Polymerization colored finish

The final product will be cured in an industrial curing oven at a temperature of 180°C. The procedure is based on the same principles as the polymerization of the anti-corrosion agent. The powder becomes a uniform coating, and the surface becomes the characteristics of the chosen color type, including smooth, peeled, or wrinkled, etc.

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DELIVERY

The product comes with an assembly kit that includes steel screws and instructions for mounting and fixing.

FIXING

The structure must be installed by means of cement foundation and anchoring with anchor bolts. The positioning of the anchor bolts is carried out with the help of special jig (not supplied, can be requested as an accessory item). Please note, the type of foundation to be built should be evaluated by local qualified technician, depending on the characteristics of the ground on which the carport will be installed.

CORPORATE CERTIFICATIONS

ISO 9001:2015

Quality Management System.

UNI EN ISO 3834-3:2021

Welding quality management system.

EN 1090-1:2009

The product bears CE Marking in accordance with EN 1090-1:2009 in execution class EXC2.

Processing center

Certificate according to Italian Law D.M. of 17 Jan 2018

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