

Datasheet

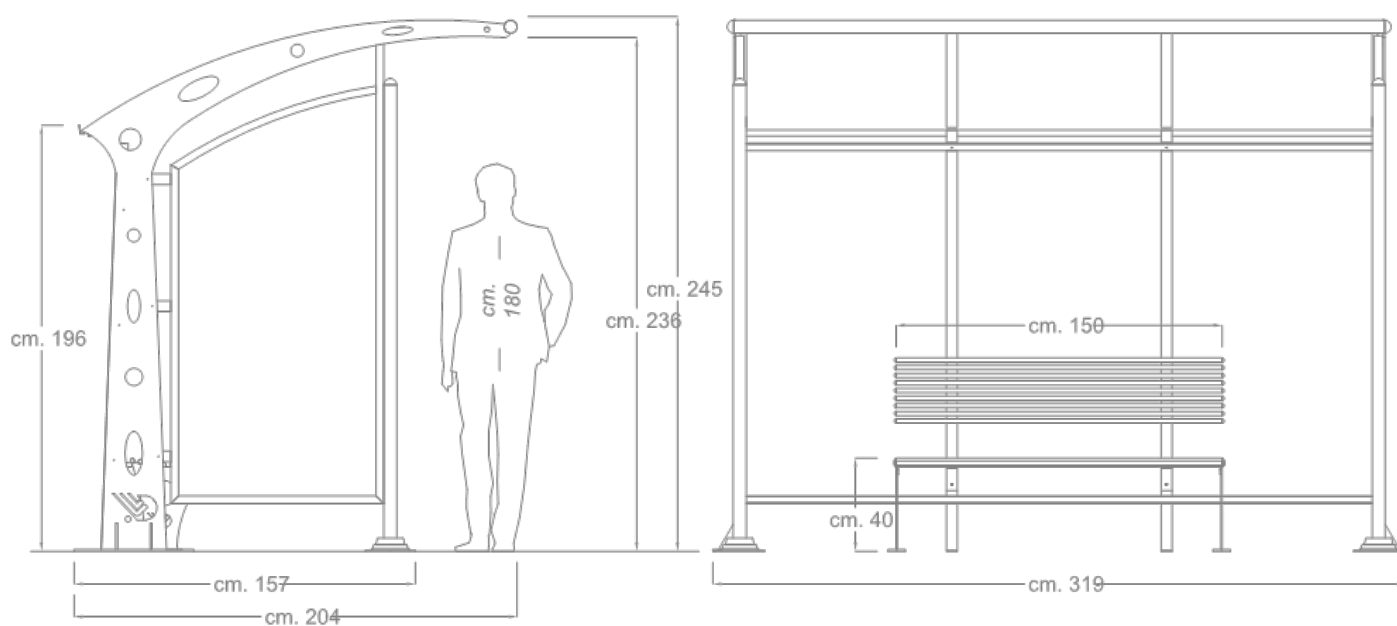
Shelter Acaya with sides walls

Product code 231-BIS

Rev. 0 of 16/03/2017



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DESCRIPTION

Structure

Consisting of 2 vertical load-bearing structures, with upper arches, made of 8 mm thick galvanized sheet metal obtained from high definition plasma cutting; each individual structure is characterized by alternating decorative hollowing in an ellipsoidal and circular shape.

- Base plates, ellipsoidal in shape, made of 8 mm thick galvanized sheet metal provided with circular holes for anchoring to the concrete foundation; stiffening triangles welded between the base plate and the load-bearing structures, in 8 mm thick galvanized sheet metal.
- Back wall consisting of a perimeter frame in 3 mm thick galvanized steel angular profile with 2 vertical uprights in 50 mm x 15 x 1.5 mm rectangular galvanized steel tube. Infill in 10 mm thick transparent honeycomb polycarbonate supported by 10 mm thick galvanized steel rectangular tube profiles. 30x10x1.5 and 50x10x1.5.

Side walls made of perimeter frame in angular profile of galvanized steel, thickness mm. 3. Infill in honeycomb polycarbonate, transparent type, thickness mm. 10 supported by rectangular tube profiles of galvanized steel, mm. 30x10x1.5 and 50x10x1.5.

- Covering made of frame in rectangular tube profiles of galvanized steel, mm. 50x15x1.5; front crosspiece in round tube of galvanized steel, Ø mm. 60x2 complete with PVC end caps with spherical head; rear gutter for collecting and discharging rainwater.
- Upper infill in honeycomb polycarbonate, opaque type, thickness mm. 6.

Bench

Made of No. 2 supports, harmonized with the vertical structures, in galvanized sheet metal, thickness mm. 5 obtained from high definition plasma cutting; both supports are characterized by decorative carvings; base plates, welded to the supports, made of 5 mm thick galvanized sheet metal; both plates are provided with circular holes for fixing to the ground.

- Seat made up of N. 12 profiles in galvanized steel round tube Ø mm. 20x1.5 complete with PVC end caps with spherical head.
- Backrest made up of N. 09 profiles in galvanized steel round tube Ø mm. 20x1.5 complete with PVC end caps with spherical head fixed to the rear wall.

Overall weight: 306Kg

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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 VARIANTS



Product code 231 - Acaya cantilevered shelter

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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 is equipped at the base with plates with holes for anchoring to the ground.

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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