

Datasheet

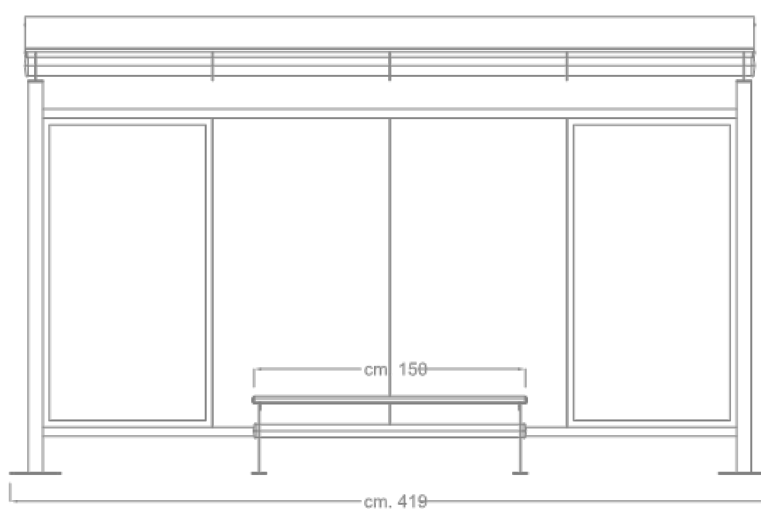
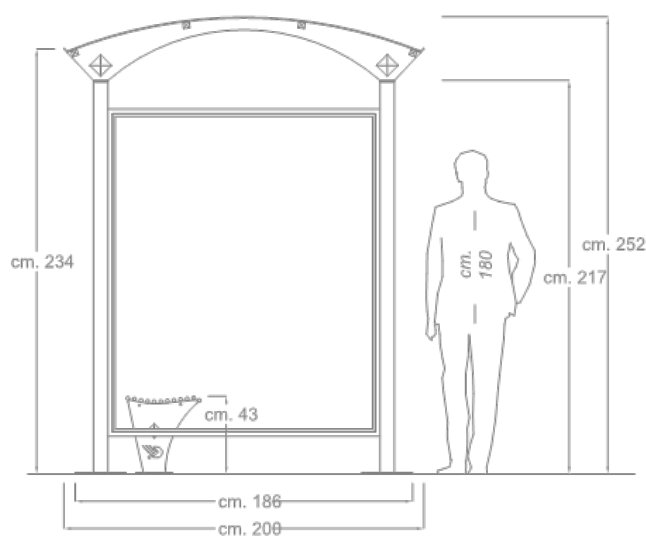
Alessandra shelter with side walls

Product code 447-BIS

Rev. 0 of 26/09/2017



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DESCRIPTION

Structure

Consisting of 4 vertical load-bearing structures made of 80x80x2 mm galvanized steel square tube; each single upright is complete with a base plate, made of 8 mm thick galvanized sheet metal with circular holes for fixing to the ground. 5 shaped upper arches, in 5 mm thick galvanized sheet metal obtained from high definition plasma cutting, connected to each other by horizontal crosspieces in 80x80x2 mm galvanized steel square tube and 35x35x1.5 mm. Each crosspiece is characterized by shaped galvanized steel terminals.

- Back wall consisting of 2 crosspieces (upper and lower) in 50x50x2 mm galvanized steel square tube. Central modules made of galvanized sheet metal box. Lateral modules in transparent laminated glass, thickness 4+4, with polished edge, inserted in a special frame with appropriate perimeter gaskets and supported by a glass holder in galvanized steel, thickness 1.5 mm.
- Side walls made of a perimeter frame in angular profile of galvanized steel, thickness 1.5 mm. Transparent laminated glass, thickness 4+4, with polished edge, inserted in the frame with appropriate perimeter gaskets and supported by a glass holder in galvanized steel, thickness 1.5 mm.
- Roof made of compact, smoked, shatterproof polycarbonate, protected against UV rays and particularly suitable for outdoor use, thickness 5 mm. The roof is characterized at the front and rear by a gutter, formed by a special shaping of the panel for the collection and drainage of rainwater.

Bench

Bench made of 2 supports, harmonized with the upper arches, in galvanized sheet metal, thickness 5 mm, obtained from high-definition plasma cutting; both supports are connected to each other by a crosspiece in galvanized steel square tube mm. 50x50x1.5. Base plates, welded to the supports, made of galvanized sheet metal thickness mm. 5; both plates are provided with circular holes for fixing to the ground.

- seat made up of No. 12 profiles in galvanized steel round tube Ø mm. 20x1.5 complete with PVC end caps with spherical head.

Overall weight: 486Kg

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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 500 - photovoltaic](#)

PRODUCT VARIANTS



[Product code 447-W - Alessandra Wood shelter](#)



[Product code 447 - Shelter Alessandra with self-supporting](#)

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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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