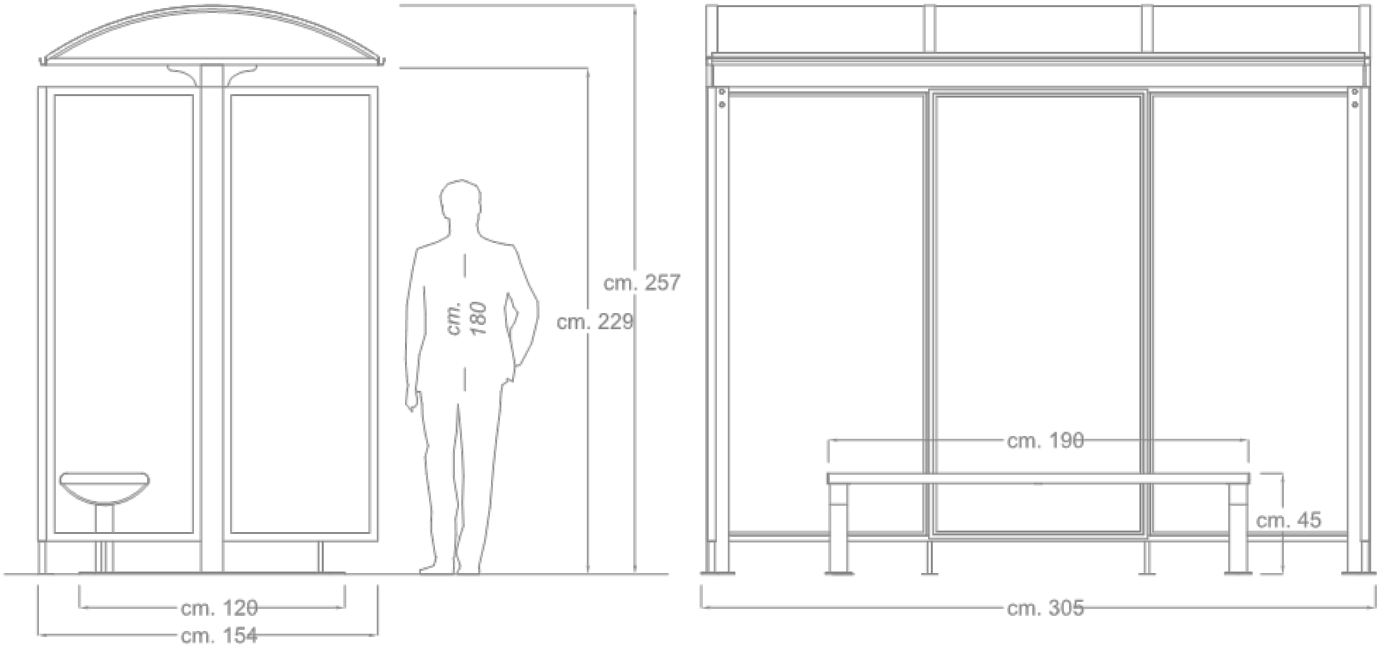
Datasheet

Shelter Carlotta

Product code 448

Rev. 0 of 27/09/2017



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73059 UGENTO (LE) ITALY
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REA LE 200574 CAP SOC. SOC. € 2.000.000.00

DESCRIPTION

Structure

Consisting of 2 vertical upright structures made of 100x100x2 mm galvanized steel square tube connected to each other at the rear by a 100x100x2 mm galvanized steel square tube crosspiece. Each single upright is complete with a plate, at the base, made of galvanized sheet metal and equipped with holes for fixing to the ground.

- Back and side walls made of 1.5 mm thick galvanized steel profile frames.
- Transparent 4 + 4 mm thick laminated glass with polished edge, inserted into the frame with special perimeter gaskets and supported by a 1.5 mm thick galvanized steel glass stop.
- Opaque honeycomb polycarbonate roofing, 6 mm thick. Supported by a 50x30x2 mm rectangular galvanized steel steel tube perimeter frame and 50x20x2 mm rectangular galvanized steel tube arches.
- The frame is made integral with the structure by shaped decorations positioned on the sides. The cover is characterized in the front and rear by a gutter for the collection and drainage of rainwater.

Bench

Consisting of N. 2 supports harmonized with the structure, made of square tube of galvanized steel mm. 80x80x2, characterized by an arched profile in galvanized sheet metal. Supports equipped with plates at the base for fixing to the ground.

- Seat made of N. 4 slats of Okumè wood (section mm. 90x45) of which the two external ones have a rounded corner.

Overall weight: 498Kg

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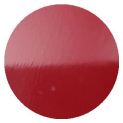
COLOR FINISH AS PROVIDED IN THE CATALOG



RAL 3005
(Uprights and cover)

Gun metal gray
(Back and side walls)

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

PRODUCT OPTIONALS

Product code 448-BAND -

Product code 500 - photovoltaic

PRODUCT VARIANTS

Product code 448-BIS - Carlotta self-supporting shelter with white concrete bases with stone effect

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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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