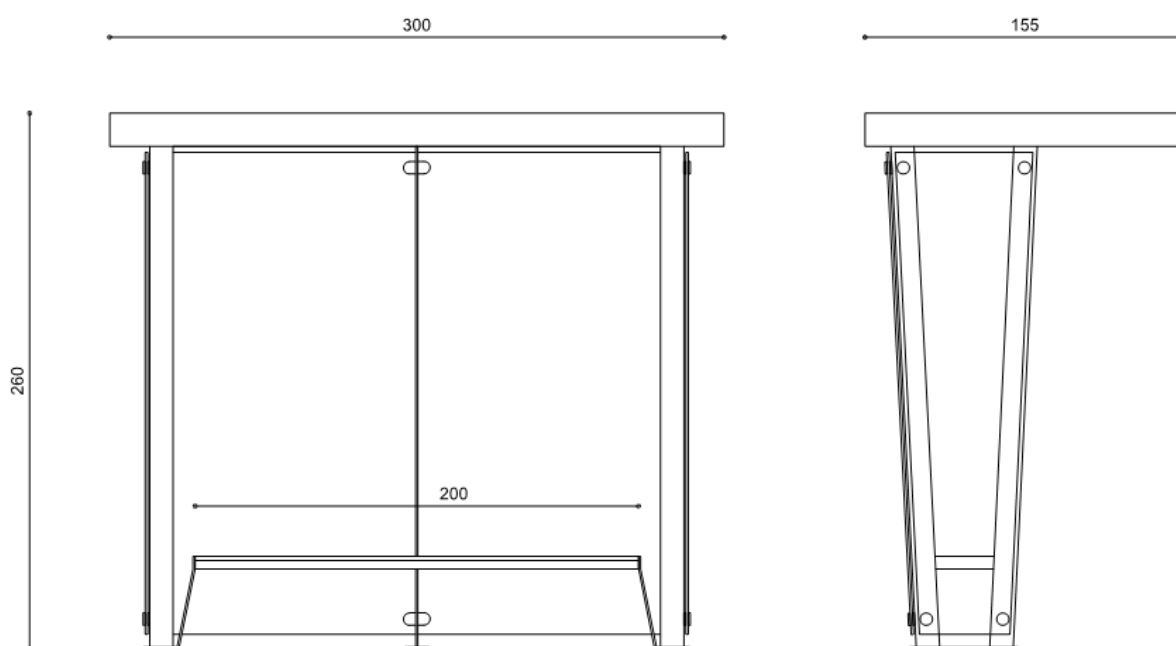




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## DESCRIPTION

### Structure

With its particular shape, the Plaza bus shelter is made up of two lateral load-bearing structures, consisting of pairs of galvanized steel uprights with a circular section of Ø mm. 114x3, inclined and equipped at the base with a common plate in galvanized sheet metal with holes for fixing to the ground; central upright in tubular galvanized steel with a rectangular section of mm. 50x30x3, supporting the rear walls; lateral and rear infill consisting of sheets of transparent laminated glass, thickness mm. 5+5, with polished edge, supported by appropriate clamps.

- The roofing frame is made of longitudinal and transversal galvanized steel profiles with a square section of mm. 60x60x2.
- The roofing is made of galvanized sheet metal and is covered on the perimeter by a sheet metal band, intended to house a PVC sticker and on the bottom by a false ceiling in galvanized sheet metal slats; gutters for collecting and draining rainwater.
- The shelter is equipped with a LED lighting system integrated into the false ceiling.

### Bench

inside the shelter made of shaped sheet metal feet, supporting a seat frame in galvanized steel profiles, covered in galvanized sheet metal.

**Overall weight:** 519Kg

2/5

# Datasheet

Plaza shelter

Product code G522

Rev. 0 of 08/11/2022



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## COLOR FINISH AS PROVIDED IN THE CATALOG



RAL 1018  
( Structure )



RAL 7038  
( Roof )

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

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## PRODUCT OPTIONALS

Product code G522-DIM - Template for Plaza shelter installation

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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.

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## 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.

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## 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