



Datasheet

Plaza shelter

Product code G522

Rev. 0 of 08/11/2022



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

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Dimcar reserves the right to make, at any time, changes on the products deemed useful to improve the quality of the same; the images contained in the sheets may not faithfully reproduce the real colors of the items.

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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.

PRODUCT OPTIONALS

Product code G522-DIM - Template for Plaza shelter installation

ANTICORROSIVE TREATMENTS AND FINISHES

Washing

Spray treatment for removing oil and grease from metal surfaces using special degreasing liquids. Subsequent drying in dryer for 15 minutes.

Sandblasting

Manual sandblasting process with river sand, which increases the porosity of metal surfaces and thus the adhesion of thermosetting powders.

Anti-corrosive application

First painting cycle with an anticorrosive thermosetting powder primer based on epoxy resins and special pigments. It provides adequate protection against weathering.

Anticorrosive polymerization

Baking in an industrial curing oven at a temperature of 180°C. During this stage, the powder turns into a uniform, smooth and durable coating.

Colored finish application

Final coating cycle with thermosetting powders. Application follows the same principles as the anticorrosive.

Polymerization colored finish

Final baking in an industrial curing oven at a temperature of 180°C. The procedure follows the same principles as the curing of the anticorrosive. The powder is transformed into a uniform coating, and the surface appearance takes on the characteristics of the chosen color type, e.g. smooth, textured, wrinkled, etc.

DELIVERY

Product supplied in assembly kit with steel hardware and instructions for mounting and grounding.

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 EXC1.

Processing center

Certificate of Processing Center