

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.

DESCRIPTION

Structure

Consisting of 2 vertical load-bearing structures with an arched shape, made of 10 mm thick galvanized sheet metal obtained by high definition plasma cutting; on both supports, stylised circular-shaped hollowings are obtained. 2 ellipsoidal base plates made of 10 mm thick galvanized sheet metal equipped with circular holes for the passage of threaded brackets anchored to the concrete foundation. To connect the base plates and the vertical supports, triangular stiffening plates in 10 mm thick galvanized sheet metal are welded.

- Covering frame and back wall made of compact smoked polycarbonate, protected from UV rays and particularly suitable for outdoor use, 4 mm thick, supported by a frame in galvanized steel profiles.

*on request, compact polycarbonate Ø available in blue.

Bench

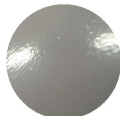
- Bench consisting of 2 intermediate supports harmonised with the vertical supports in galvanized sheet metal, 10 mm thick. 10 obtained from high definition plasma cutting. No. 2 base plates welded to the intermediate supports made of galvanized sheet metal, each individual plate is provided with holes for fixing to the ground. Backrest made of galvanized steel round tube profiles Ø mm. 20 x 1.5; the profiles are welded on special galvanized steel shapes positioned on the back wall.

Overall weight: 377Kg

COLOR FINISH AS PROVIDED IN THE CATALOG



Brilliant aluminum
(Supports)



RAL 7005
(Bench and backrest)

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 425-B - Arkua blue shelter](#)

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