

Datasheet

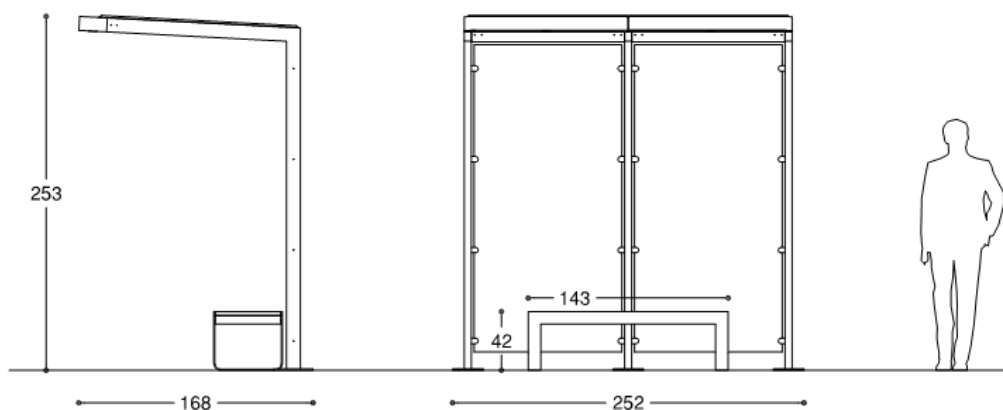
Io shelter 2 modules - composition with glass modules, short bench

Product code 604-PE-2-COMP1

Rev. 0 of 02/10/2024



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DESCRIPTION

Structure

Load-bearing elements made of rectangular section galvanized steel profiles measuring 100x50x3 mm, with uprights equipped at the base with plates for anchoring to the ground, obtained by laser cutting and made of 10 mm thick galvanized sheet metal. Covering frame consisting of a front box made of shaped panels in 1.5 mm thick galvanized sheet metal with rounded corners at the ends.

The shelter is made up of two modules, each characterized by a rear and upper covering in laminated safety glass, transparent, 5+5 mm thick. Rear glass installed on the load-bearing structure using special stainless steel supports, and covering glass equipped with a special frame in galvanized steel profiles with appropriate gaskets.

In the front part of the cover, the shelter is equipped with lighting for each module. All the electrical components are enclosed in a special compartment inside the structure with a power cable outlet at the base of the structure.

The composition is equipped with an internal bench, consisting of a metal frame made of galvanized steel profiles with a shape at the base. The seat is covered with slats in fine okumè wood. The bench is equipped with holes for fixing to the ground.

The bench proposed for the composition is the optional:

code 604-PE-O-PC optional short bench

Overall weight: 368Kg

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COLOR FINISH AS PROVIDED IN THE CATALOG



RAL 3004HR
(Seat)



RAL 7016
(Frame)

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

PRODUCT OPTIONALS

Product code 604-PE-2-DIM - Io shelter 2 modules - composition with glass modules, short bench



Product code 604-PE-O-T - Io shelter - optional coffee table



Product code 604-PE-O-V - Io shelter - optional glazed side wall



Product code 604-PE-O-PC - Io shelter - optional short bench

PRODUCT VARIANTS



Product code 604-PE-4-COMP1 - Io shelter 4 modules - composition with two glass modules, noticeboard module, sheet metal module, side walls, small table and long bench



Product code 604-PE-3-COMP1 - Io shelter 3 modules - composition with glass module, noticeboard module, sheet metal module, side walls, small table and short bench

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ANTICORROSIVE TREATMENTS AND FINISHES

Hot dip galvanizing

Galvanizing process according to the UNI EN ISO 1461 standard

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.

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MAINTENANCE PLAN FOR WOODEN PARTS

For a long service life of wood planks, periodic maintenance work is necessary, therefore, maintenance is recommended **every three to six months and in any case once a year.**

For periodic maintenance, carry out light sanding with a 150-grit abrasive sponge, apply a thin coat of Adler Oil, absolutely avoiding the formation of layers.

For the renewal of aged and graying elements, proceed with a thorough sanding with a 150-grit abrasive sponge in the direction of the fibers, removing any existing paint residue.

Proceed with an initial application of Adler Light Mahogany Oil by brush. After 12 hours, apply a second coat of Olio Adler light mahogany with a brush and then pull off excess product with a soft cloth.

Please note, necessary maintenance products such as Oils and impregnants are not included in the product supply but can be requested separately.

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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