

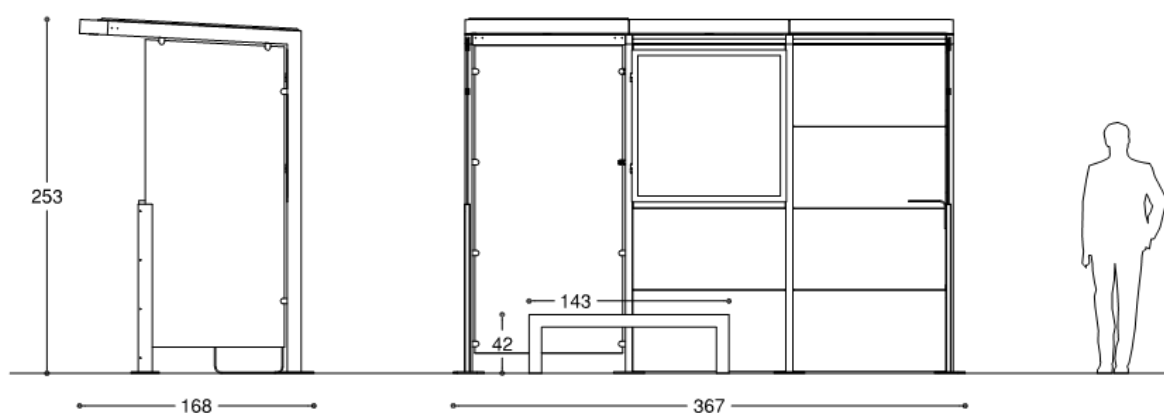
Datasheet

Io shelter 3 modules - composition with glass module, noticeboard module, sheet metal module, side walls, small table and short bench
Product code 604-PE-3-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 with plates at the base for anchoring to the ground, obtained by laser cutting and made of 10 mm thick galvanized sheet metal. Covering frame made of a front box made of shaped panels in 1.5 mm thick galvanized sheet metal with shaping at the end.

The shelter is made up of three modules, each characterized by a different type of rear and upper covering infill:

Left module (front view) with infill made of transparent laminated safety glass, 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.

Central module made of a rear notice board equipped with an opening door with a special lock, and a transparent compact polycarbonate façade, 4 mm thick, and lower and rear module infill made of shaped panels in galvanized steel, 5 mm thick. 1.5. 5 mm thick compact polycarbonate roofing and internal false ceiling made of 1.5 mm thick galvanized steel shaped panels.

Right module (front view) with front and rear infill made of 1.5 mm thick galvanized steel shaped panels. 5 mm thick compact polycarbonate roofing and internal false ceiling made of 1.5 mm thick galvanized steel shaped panels.

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

Shelter side walls in transparent laminated safety glass, 5+5 mm thick with stainless steel supports and front support made of laser-cut galvanized sheet metal and equipped with a plate at the base for fixing to the ground.

On the right side wall (front view) the shelter is equipped with the optional table (code 604-PE-O-T) made with a single support in 6 mm thick galvanized sheet metal and obtained by laser cutting.

The composition is completed 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: 731Kg

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COLOR FINISH AS PROVIDED IN THE CATALOG



RAL 3004HR
(Bench and coffee table)



RAL 7016
(Structure)

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

PRODUCT OPTIONALS

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



Product code 604-PE-O-PL - lo shelter - optional long bench



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

PRODUCT VARIANTS



Product code 604-PE-2-COMP1 - lo shelter 2 modules - composition with glass modules, short bench



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

The product comes with an assembly kit that includes steel screws and instructions for mounting and fixing.

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 according to Italian Law D.M. of 14 Jan 2008