

Datasheet

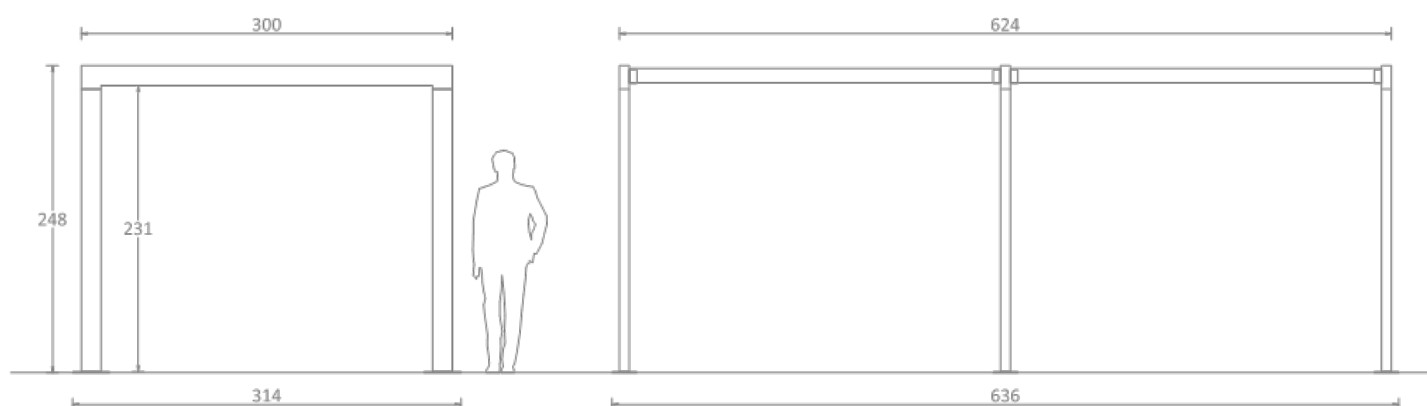
Living pergola

Product code 816

Rev. 2 of 18/12/2023



1/5



Dimcar has the authority to make changes to the products that are useful for improving their quality. The images on the cards may not accurately portray the actual colors of the articles

DESCRIPTION

Structure

With its essential shape, the Living pergola is made up of three load-bearing arches made of tubular galvanized steel with a rectangular section measuring 160x80x3 mm, each equipped with base plates in galvanized sheet metal with holes for fixing to the ground.

- Covering crosspieces made of tubular galvanized steel with a rectangular section measuring 120x60x3 mm, anchored to the structure using brackets arranged on the load-bearing arches.

Total weight: 642Kg

COLOR FINISH AS PROVIDED IN THE CATALOG



Rust
(Steel parts)

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

PRODUCT OPTIONALS

Product code 816-PVC - Optional PVC sheet for Pergola Living

Product code 816-RET - Optional shading mesh sheet for Pergola Living

Product code 816-CAV - Optional coated aluminum cables for the possible growth of climbing plants for Pergola Living

PRODUCT VARIANTS



Product code 816-T - Living pergola with shading towel

3/5

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.

4/5

DELIVERY

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

FIXING

The structure is equipped at the base with plates with holes for anchoring to the ground.

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