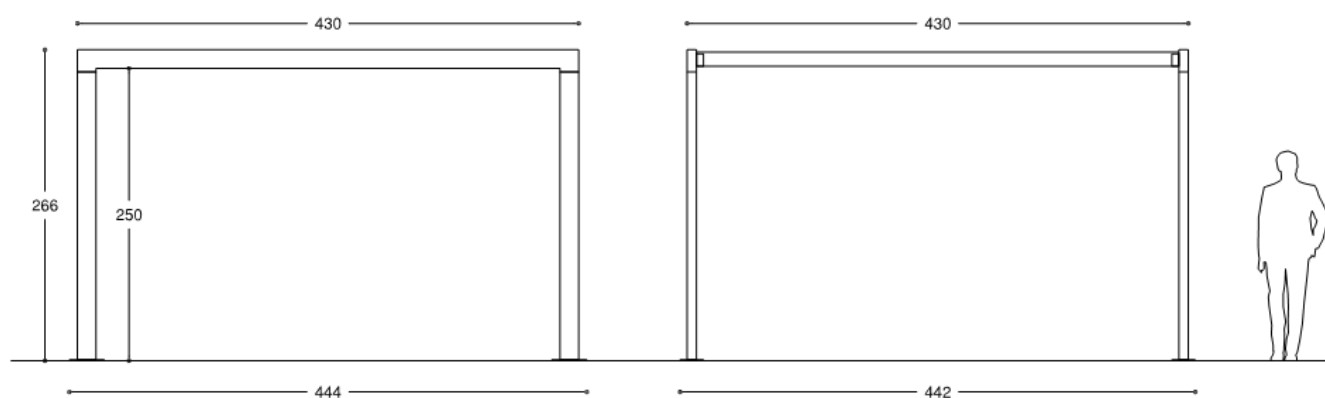




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Datasheet

Young pergola

Product code D862

Rev. 0 of 10/03/2021



DESCRIPTION

Structure

Young model pergola made up of uprights and load-bearing crosspieces made of galvanized steel tubing with a rectangular section of 160x80 mm; the uprights are provided at the base with galvanized sheet metal plates, obtained by laser cutting, 8 mm thick with holes for anchoring to the ground.

- Longitudinal connecting crosspieces made of galvanized steel tubing with a rectangular section of 120x60 mm.
- Covering frames made with shaped profiles in galvanized steel sheet with a shading function.

Total weight: 534Kg

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COLOR FINISH AS PROVIDED IN THE CATALOG



RAL 9010
(Steel parts)

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

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.

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