

Compliance

CE certificated post, compliant with standard UNI EN 40-5.

Description

Modular post in UNI EN 1561 cast iron, UNI EN 1563 nodular cast iron and steel, with core in S355J UNI EN 10219-1 steel, hot-galvanized to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The core (A) is made up of three tubes of different cross-sections, according to the internal diameter of the cast iron elements (diam. 14 x 100 cm - diam. 8.9 x 244 cm - diam. 6.0 x 122 cm), welded together at their junctions (B). The core must project perfectly vertically for a distance of 60 cm into a foundation plinth (P). It is provided with an M10 earthing bolt marked by a small indicator plate, a slot (D, height 15.0 x 4.0 cm) for leading cables into the core, and at the top a bush with a 1 1/4" GAS thread to secure the various elements of the post by means of a tube and a nut (Z). A heat-shrink sheath (C), minimum height 20 cm and made from composite materials (irradiated polyolefinic and butylic mastic), must be applied to the core to protect it from corrosion. The cast iron and steel post is made up of a number of elements that are fitted over each other so as to prevent water infiltration. The elements are as follows:

- 1°) Base in cast iron, height 85 cm and bottom diameter 42 cm, with a tapered section (F) terminating in a slanted plane at an angle of 30° and decorated with a large leaf wound in a spiral.
 - 2°) Tapered column (height 318 cm, lower diam. 16.8 cm, top diam. 9.0 cm) in steel hot-galvanized. The lower end of the column also has a slanted plane at an angle of 30°. At the bottom the column has an internal flange that ensures correct angular and axial position with respect to the base (element 1). When the column and the base (element 1) are assembled, there is a gap of around 1 cm between the slanted planes.
 - 3°) A tapered capital in nodular cast iron (height 25 cm, lower diam. 9.0 cm, top diam. 23 cm), fixed to the 2° column with two M10 stainless steel grub screws (E). Rotation is prevented by an M8 stainless steel bolt (G) that penetrates into a slot in the core (A).
- The total height of these first three elements is 412 cm.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.

