# PRODUCT DATA SHEET

## Earthing components

## Earth rods, earth plates & type "E" earth electrodes

**Code: 6301000-71**

**Description: St/tZn earth electrode type “E”™, code 6301000-71**

## Application

Hot dip galvanized steel (St/tZn) earth electrode type “E”TM, consisting of an element type ‘’Π’’ (pi) and an element type ‘’Γ’’ (gamma). It is equivalent to 6 earth rods 1,5m length positioned one to another in a distance of 3m.

## Technical characteristics

| | |
|---|---|
| Dimensions (LxWxH) | 1500x500x500 mm |
| Element “Π” (pi) | Consisted of two plates of 500x500x3 mm dimensions and one plate of 750x500x3 mm dimensions, with all the needed accessories (bolts, nuts, washers, reinforcement bar, connection angles). |
| Element “Γ” (gama) | Consisted of one plate of 500x500x3 mm dimensions and one plate of 750x500x3 mm dimensions, with all the needed accessories (bolts, nuts, washers, reinforcement bar, connection angles). |
| Core material / Coating material | Steel / Zinc |
| Zinc coating weight | >500 gr/m2 |
| Type of coating method | Hot dip |
| Bolts / nuts material | Stainless steel grade V2A |
| Electrical resistivity | <0,25 μΩm |
| Tensile strength | 290 – 510 N/mm2 |

## Installation instructions

| | |
|---|---|
| Installation | Buried in ground, embedded in concrete |
| Can be connected in ground with | SSt (Stainless Steel), St/tZn |

| | |
|---|---|
| Can be connected in concrete with | Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn |
| Connection to conductor | By stainless steel clamp ELEMKO code 62 66 108 (provided) |
| Extension | By additional elements “Γ” (gama) |

## Comply with

The component complies with standard IEC EN 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Unit: piece / Package: 1 piece

We reserve the right to introduce changes in the component due to technical evolution.