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.