

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

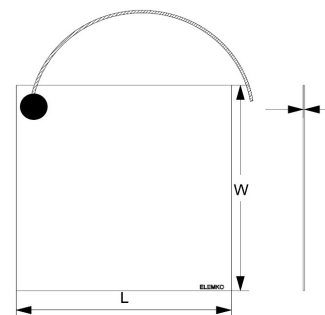
Code: 63 20 505
ed.01/2021
Description: Copper earth plate 500x500x5 mm

Application

Copper plate used as earth electrode.

Technical characteristics

Material	Copper (Cu)
Dimensions (L x W x t)	500x500x5 mm
Electrical resistivity	<0,018 $\mu\Omega\text{m}$
Tensile strength	200 – 450 N/mm ²
Connected conductor	Stranded Cu 35 mm ² 1 m length, bonded with exothermic process



Installation instructions

Installation	Buried in ground, embedded in concrete
Can be connected in ground with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu
Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn

Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-2 "Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes".

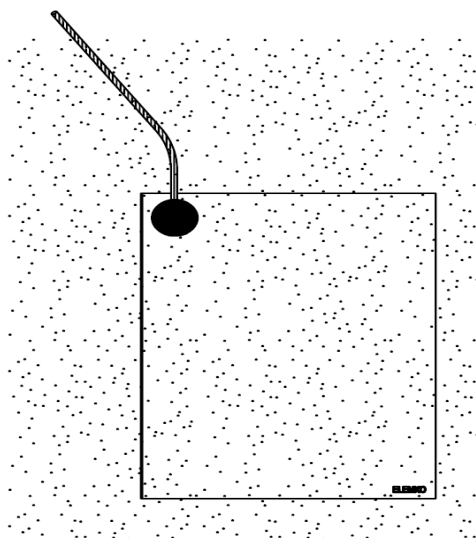
Test report No **30791** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 1 piece


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