

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 64 00 000**

ed.02/2021

**Description: Earthing compound TERRAFILL™**

#### Application

Earthing resistance improver, consisting of elements that improve the resistivity of the ground. It does not contain any organic elements (e.g. carbon or any of its compounds). Depending to the surrounding soil resistivity it reduces up to 14 times the earthing resistance.

#### Technical characteristics

Electric conductance	3,29 mS
Resistivity	2,5 Ωm (at 300% moisture)
pH	8-10



#### Installation instructions

Can be used in high resistivity ground, solid/hard grounds and protects the earth electrode from corrosion.

##### Use with earth rods:

Fill the hole needed for the rod's installation, with "TERRAFILL"™ and after that place the rod into the hole.

##### Use with earth electrodes other than earth rods:

Fill the pit needed for the earth electrode's installation with a mixture of "TERRAFILL"™ and concrete (a proportion of 80% concrete and 20% "TERRAFILL"™). The mixture should overlap the earth electrode at least 5 cm at each side.

#### Environmental aspects

Earthing resistance improver is eco-friendly and does not contain any hazardous materials which can harm to the environment.

#### Comply with

The component complies with standard IEC EN 62561-7 "Lightning protection system components (LPSC) – Part 7 : Requirements for earthing enhancing compounds".

#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

#### Country of Origin

Greece

**Unit: bucket / Package: 1 bucket (12 kg)**

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