

# EARTH ENHANCING COMPOUND

TESTED AS PER IEC 62561-7 



SAFE

EARTHING

## TERRANITE

### PHYSICAL PROPERTIES

Presentation : Amorphous | Resistivity :  $0.91\Omega\text{m}$  | Colour : Black | Smell : Inodorous  
Granulometry : Powder to 0.8 mm | Soluble in Water : Partially miscible |  
pH Value : 8 – 9.774 of 10 Lit/Kg

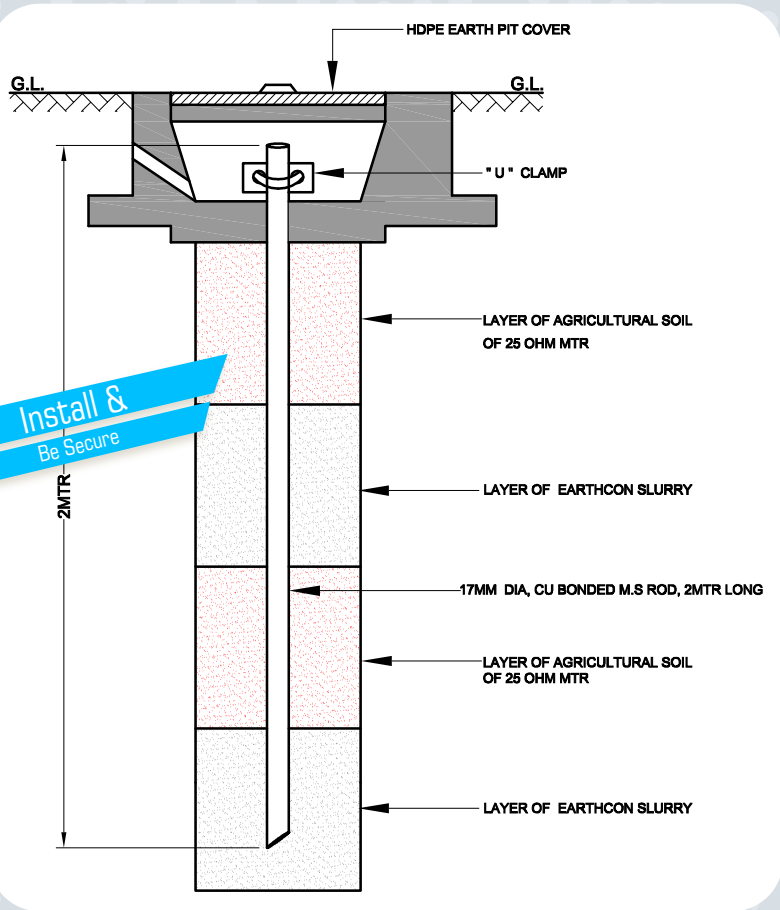
### FEATURES

- Highly conductive Earth-Pit backfill.
- Capable of reducing Property Resistivity for Electrical requirements.
- Non- corrosive improves the life of the Earthing System.
- Does not damage the electrode metal in any way.
- Performs in all weather conditions giving stable Earth Resistance values.
- Compatible with all types of Earthing electrodes, be it pipes, plates or rods of any metal.
- Can also be used in trenches made for horizontal type Earthing Systems.
- Increases the total Surface Area of the Earthing electrode ensuring quick dissipation of fault currents.
- Maintains constant volume regardless of moisture content.
- Long shelf life; can be stored for very long periods without deterioration.
- Environmental friendly; does not pollute or contaminate the water table.

Earthing **INTELLIGENTLY**



# INSTALLATION



Industry Services **TÜVRheinland**  
Products Right

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Sl. No.	Test Parameter	Unit	Result	Limit	Test Method
1	Chloride (Phthalate) (Cl <sup>-</sup> )	mg/kg	ND	1000	IS 15023:2004, IS 2250:2008
2	Benzene (Benzene) (Bz)	mg/kg	ND	1000	IS 15023:2004, IS 2250:2008
3	Chloroform (Chloroform) (Chl)	mg/kg	ND	1000	IS 15023:2004, IS 2250:2008
4	Dioxin (Dioxin) (Diox)	mg/kg	ND	1000	IS 15023:2004, IS 2250:2008

**TEST RESULTS**

Sample No.	Unit	Test Category	Compliance	Total Mercury	Total Lead
Sample 001	mg/kg	ND	ND	ND	ND
Sample 002	mg/kg	ND	ND	ND	ND
Sample 003	mg/kg	ND	ND	ND	ND
Sample 004	mg/kg	ND	ND	ND	ND

**SPECTRO**  
ANALYTICAL LABS LIMITED  
AN ISO 9001:2015 CERTIFIED  
AN ISO 17025:2017 CERTIFIED

TEST REPORT

Customer Reference Number: **03066**

Sl. No.	Test Parameter	Observed Results	Test Method
1	Lead (Pb) mg/kg	0.3	ASTM D7091-12
2	Cadmium (Cd) mg/kg	0.05	ASTM D7091-12
3	Copper (Cu) mg/kg	0.1	ASTM D7091-12
4	Chromium (Cr) mg/kg	0.1	ASTM D7091-12
5	Iron (Fe) mg/kg	0.1	ASTM D7091-12
6	Manganese (Mn) mg/kg	0.1	ASTM D7091-12
7	Nickel (Ni) mg/kg	0.1	ASTM D7091-12
8	Zinc (Zn) mg/kg	0.1	ASTM D7091-12
9	Vanadium (V) mg/kg	0.1	ASTM D7091-12
10	Selenium (Se) mg/kg	0.1	ASTM D7091-12
11	Antimony (Sb) mg/kg	0.1	ASTM D7091-12
12	Bismuth (Bi) mg/kg	0.1	ASTM D7091-12
13	Strontium (Sr) mg/kg	0.1	ASTM D7091-12
14	Barium (Ba) mg/kg	0.1	ASTM D7091-12
15	Thallium (Tl) mg/kg	0.1	ASTM D7091-12
16	Lead (Pb) mg/kg	0.3	ASTM D7091-12
17	Cadmium (Cd) mg/kg	0.05	ASTM D7091-12
18	Copper (Cu) mg/kg	0.1	ASTM D7091-12
19	Chromium (Cr) mg/kg	0.1	ASTM D7091-12
20	Iron (Fe) mg/kg	0.1	ASTM D7091-12
21	Manganese (Mn) mg/kg	0.1	ASTM D7091-12
22	Nickel (Ni) mg/kg	0.1	ASTM D7091-12
23	Zinc (Zn) mg/kg	0.1	ASTM D7091-12
24	Vanadium (V) mg/kg	0.1	ASTM D7091-12
25	Selenium (Se) mg/kg	0.1	ASTM D7091-12
26	Antimony (Sb) mg/kg	0.1	ASTM D7091-12
27	Bismuth (Bi) mg/kg	0.1	ASTM D7091-12
28	Strontium (Sr) mg/kg	0.1	ASTM D7091-12
29	Barium (Ba) mg/kg	0.1	ASTM D7091-12
30	Thallium (Tl) mg/kg	0.1	ASTM D7091-12

**Successfully Passed:**

Resistance Consistency | RoHS Compliancy |  
Leaching Test as per IEC 62561:2011, EN 12457-2  
Corrosion Test as per IEC 62561-7:2011, ASTM G59-97 and G102-89

Ideal for Homes, Apartments, Business Establishments, Solar Installations, Industries, Telecom Towers, Banks & ATM's, Diagnostic Centres, Hospitals, Software Industries, Automobile Industries, Small Scale Industries, Hospitality Sectors, Individual Machinery & Equipment Earthing.

**Application**



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**Our Associates**

