

# 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

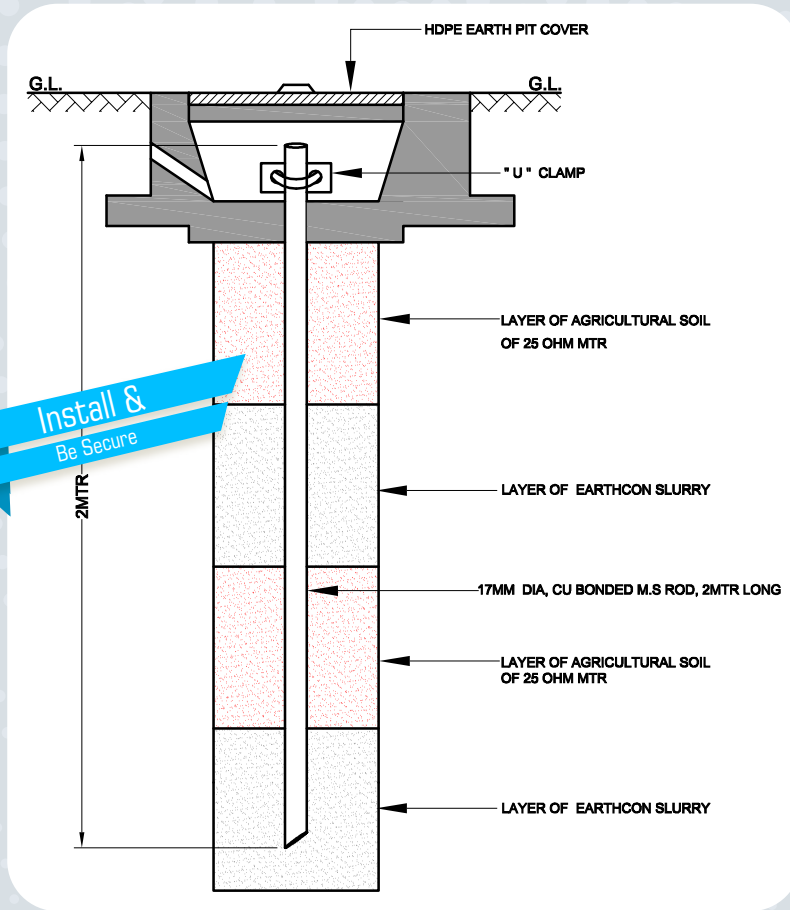
### FEATURES

- 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



**Install & Be Secure**

**TUV Rheinland**  
**TEST REPORT**  
**TEST REPORT**

Sl. No.	Test Parameters	Units	Result	Limit	Test Method
1	Electrical Resistance	Ω	1000	10000	IEC 62561-7:2011, EN 12457-2
2	Corrosion Test	mm	0.05	0.1	ASTM G59-97, ASTM G102-89
3	Leaching Test	mg/L	0.05	0.1	IEC 62561-7:2011, EN 12457-2

**SPECTRO**  
**TEST REPORT**

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3	Leaching Test	mg/L	0.05	0.1	IEC 62561-7:2011, EN 12457-2

**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**



**SGI Engineers Pvt.Ltd.**

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**Our Associates**

