

ELECTROGRIP BFC

GEM

Tested & Certified



From the House of
Leading Manufacturer in India



Tested & Certified
as per IEC 62561-7 &
ASTM G57-06
for the **resistivity** of

0.24
ohm-meter

Advantages

Electrogrip is a low resistance high conductivity Earth Enhancing material, which dramatically lowers ground resistance system in difficult soil conditions. ElectroGrip contains no bentonite or concrete components, which in very dry conditions can cause shrinkage around the electrode, thus rendering it ineffective.

During constructions, gelling liquid penetrates into soil and thus forming a conductive layer contacting with the electrode closely. Therefore, the effective contact area between the electrode and compound layer are increased and the contact resistance between them is reduced, which is beneficial to current discharge and resistance reduction. The natural features of strong absorbent and moisture retention keep the soil moist for a long time, and reduce the surrounding soil resistance so that the contact resistance between the soil and core of the electrode.

pH adjusting agent can maintain pH value around the grounding material within the scope of protection. Metal corrosion inhibitor will passivate the surface of the electrode rapidly after construction to prevent the corrosion of the electrode and it also works even pH adjusting agent stop working. The colloid formed through mixing compound with water during construction closely attached to grounding electrode after mixing with the soil, thus preventing oxygen and corrosive medium in soil from corrosion. ElectroGrip is an environment friendly compound and does no harm to the underground water. ElectroGrip is packed in 11.36 Kg & 25 Kg bags.

- Positive low resistance, electrical connection to the earth.
- Compatible with all copper, GI, MS & stainless steel grounding systems.
- Does not contain any hazardous chemicals
- Will not leech into the ground.
- Never needs recharging.
- Electrically conductive
- Environmentally friendly.
- Stable permanent ground for the life of the grounding systems.
- Contains a corrosion inhibitor to protect copper
- Will not expand or experience any shrinkage.
- Not affected by freezing.
- Simple to install
- Excellent shelf life with no performance effects.

 **ISG Global**

ISO 9001:2008 Certified

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