

TerraFill[®]

Low-Resistivity Grounding Backfill

TerraFill[®] provides a simple method to substantially lower the earth resistance of grounding systems. When used in conjunction with copper grounding equipment, TerraFill[®] will lower the contact resistance to earth by up to forty percent.

TerraFill[®] is an easily applied product which produces lower steady state and stable grounding impedance. TerraFill[®] produces a lower surge impedance resulting in faster transient dissipation. Manufactured from environmentally safe and stable products, TerraFill[®] has an excellent shelf life and long term storage has no performance effects.

TerraFill[®] creates a positive, low resistance, electrical connection between the grounding system and the earth. It is manufactured to be compatible with copper grounding systems and standard field application methods. It can be used in connection with grounding grids to minimize step and touch potentials. In high resistivity soils, TerraFill[®] can be used to produce acceptable grounding impedance with reasonable size.

The versatility and ease of applying TerraFill[®] to lower ground resistance of grounding equipment allows for a variety of earthing designs to be used which would otherwise be not economical or practical. TerraFill[®] requires only minimal instruction for application. No special tools are needed. It is economical and easy to install.

EFFECTIVE:

- Reduces resistance to earth
- Maintains constant resistance for the life of the system
- Performs in all soil conditions even during dry periods

EASY TO USE:

- Comes in 50 lb. bags
- One person installation
- No mixing required
- Self compacting

PERMANENT:

- Will not dissolve or decay with time
- Freezing increases its resistivity less than 10 percent
- Requires no maintenance
- Does not depend on the continuous presence of water to maintain its conductivity

ENVIRONMENTALLY FRIENDLY:

- Does not adversely affect soil
- Will not contaminate ground water
- Meets all EPA requirements for landfill
- Material Safety Data Sheet (MSDS) available on request

