

Grounding / Bonding Solutions • Surge Protection • Lightning Protection



ALLTEC[®]

SOLUTION PROVIDERS FOR AN ENERGIZED WORLD™



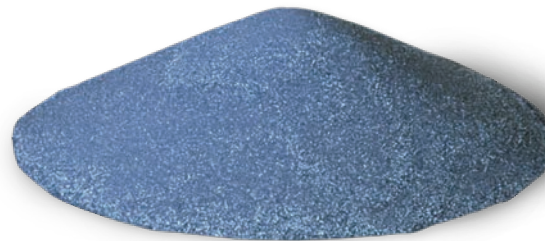
GROUNDING SOLUTIONS TIER ONE:

The most important and costly investment an organization makes is in their sensitive electronic equipment. As this equipment becomes more sophisticated and electrically susceptible, the need for an exceptionally low-resistance grounding system becomes crucial. It is in response to this requirement that ALLTEC developed the TerraDyne® Electrolytic Grounding System, TerraFill® Low Resistivity Grounding Backfill, TerraWeld® Exothermic Welding System, GroundGuardian® Active Floating Roof Tank Monitoring System, and other protection innovations. You can learn more at www.alltecglobal.com/products/grounding-bonding-solutions.

Ground Enhancing Backfill

TerraFill®

TerraFill® (Low Resistivity Grounding Backfill) provides a simple method of substantially lowering the earth resistance of grounding systems. When used with copper grounding equipment, contact resistance to earth is lowered by up to 63%. TerraFill® produces lower steady state and stable grounding impedance, resulting in a reliable, low resistance, electrical connection between the grounding system and the earth.



FEATURES & BENEFITS

- Easily applied
- Produces lower surge impedance resulting in faster transient dissipation
- Excellent shelf life with long-term performance
- Manufactured to be compatible with copper grounding systems and standard field application methods
- Can be used in connection with grounding grids to minimize step and touch potentials
- Produces acceptable grounding impedance in high-resistivity soils, within a reasonably sized area
- Versatile – Applying TerraFill® to lower the ground resistance of grounding equipment allows for a variety of earthing designs which might otherwise be impractical
- Self-compacting – comes in easily transportable 50 lb. (22.68 kg) bags, easily installed by one person

PERMANENT

- Will not dissolve or decay with time
- Requires no maintenance
- Maintains constant resistance for the life of the system

ENVIRONMENTALLY FRIENDLY

- Does not affect soil or ground water
- Meets all EPA requirements for landfill
- Material Safety Data Sheet (MSDS) available on request
- Restriction of Hazardous Substances (RoHS) compliant
- Motorola R56 compliant

You can learn more at www.alltecglobal.com/products/grounding-bonding-solutions/terrafill



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