Grounding / Bonding Solutions • Surge Protection • Lightning Protection
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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