

PowerFill™

Simple Installation
Lowest Contact Resistance
Efficient & Cost Effective

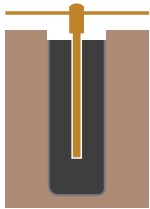


POUR IT



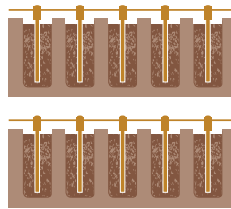
PUMP IT

PowerFill™ is an economical ground enhancement material that substantially lowers earth resistance of copper-clad ground rods and copper grounding systems.



POWERFILL™

CARBON



OTHER

BENTONITE

200x
MORE EFFICIENT
THAN OTHER
EARTH CONTACT BACKFILL



PowerFill™ is the economical solution for areas with difficult grounding problems. It is highly conductive wet or dry yet does not require moisture to lower the resistance of a grounding system. This Loresco product carries an NSF certification (Certified to NSF/ANSI standard 60) enabling installation around underground potable water systems. PowerFill™ also contains a corrosion inhibitor which forms a film on the copper creating a barrier against corrosion.

This is designed to be used in conjunction with all standard copper grounding equipment allowing for a greater variance in design that would otherwise be uneconomical.

PowerFill™ can be poured in dry or for large installations it is recommended that PowerFill™ be pumped in slurry form. No tamping required. It is very worker friendly. No special tools are required for smaller jobs.

POWERFILL™ FEATURES & CHARACTERISTICS

- Positive low resistance, electrical connection to the earth
- Compatible with all copper 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 system
- 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

COMPLETE GROUNDING SYSTEMS & SERVICES

ANODE ENGINEERING'S INSTALLATION IS UNRIVALLED
IN EFFICIENCY & EFFECTIVENESS

LET US DO THE HARD WORK



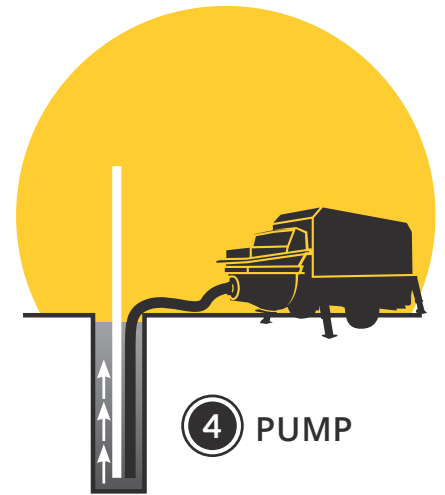
① SITE TEST



② DESIGN



③ DRILL



④ PUMP

We test the site, design the best solution, drill, then install earth contact backfill by pumping to the lowest point ensuring the hole is filled with Loresco PowerFill™ to its maximum capacity.

INSTALLATION METHODS

VERTICAL INSTALLATION

- Drill or dig the earth hole to the desired diameter and depth.
- Suspend ground rod in center of hole to be filled.
- Pour PowerFill™ until desired level is obtained. No tamping is necessary.

HORIZONTAL OR GRID CONSTRUCTION

Entire grounding system should be surrounded by PowerFill™. Conductors should be insulated as they exit the PowerFill™ column.

HORIZONTAL CONSTRUCTION

- Pour into horizontal trench until level of ground wire is reached.
- Place ground wire.
- Pour in additional PowerFill™ until ground wire is covered to desired height.
- Cover with fill. No tamping necessary.

GRID CONSTRUCTION

- Pour PowerFill™ and spread over ground grid until desired thickness is achieved.
- Cover with fill.