



Now available
in a 25 lbs bag!



- Reduces Corrosion
- Quick Installation

Conducrete®

Value. Quality. Innovation.

Conducrete® is a conductive cementitious and carbonaceous material that dramatically enhances the performance, reliability and longevity of grounding and cathodic protection systems. The conductive and insulating materials used in the formulation give it a capacitive nature. Conducrete® offers many advantages:

- Extends the life of grounding systems by a factor of up to 20x
- Theft resistant and requires minimal maintenance – once set
- Compressive strength and low shrinkage
- High water absorption due to constant hydration
- Withstands high fault currents
- Environmentally neutral

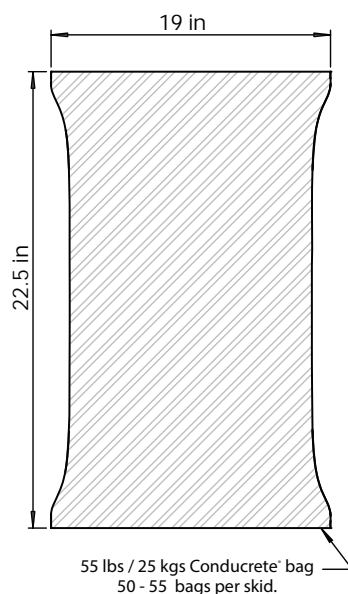
Conducrete® can absorb energy the same way that a capacitor will. The energy stored is released into the ground – ultimately protecting your assets. The material absorbs high rise time electrical surges keeping ground potential rise in check and preventing damage to equipment.



Applications

- Grounding, lightning & electrical protection systems across various industries including: electrical utilities, telecommunications, broadcasting, wind farms, mining, oil and gas, industrial, commercial and municipal.
- AC Mitigation Systems for pipelines and other metal infrastructure co-located with electrical transmission lines in utility and transportation joint use corridors.
- Any type of grounding or deep anode (ICCP) systems to be installed in environmentally sensitive areas, especially where preventing aquifer contamination is a critical concern.
- Impressed current cathodic protection systems (ICCP).

Product Specifications



Physical State	Powder
Appearance	Grey
Odor	None
Dry Density	~1021 kg/m ³ [~64 lbs/ft ³] (dependent on compaction)
Wet Density	~1700 kg/m ³ [~106 lbs/ft ³] (hardened state)
Slurry Density (Mixed with 3 US gallons/bag)	~1530 kg/m ³ [~95 lbs/ft ³]
Shrinkage	0.015% at 28 days
Compressive Strength at 28 days	27.6 MPa [4003 psi]
Permeability to Water	2.0 x 10 ⁻⁸ cm/sec
Hygroscopic Property (Water Absorption)	25.4%
Resistivity (ASTM G187-05)	2.8 to 5.0 ohm-cm
Electrolytic Corrosion Resistance	Eliminated (95% - 100%)
High Fault Current Test Withstand	1682 V/688 A for 500 ms
Environmental Impact/pH in situ	Neutral
Dry Volume	0.802 ft ³ /55 lb bag
Slurry Volume	0.886 ft ³ /55 lb bag

A Global Player

SAE's innovative premium products and services solve the most challenging grounding, AC mitigation and cathodic protection issues. Founded in 1990, SAE continues to develop best-in-class electrical grounding systems and cathodic protection solutions. In addition to further developing its core business, SAE is currently focused on establishing international distribution for its products and services.