



- Dust Free Installation
- Store Outside
- Extend Electrode Life



CONDUCRETE®



Reduced Dust Delivery System

Conducrete® is a conductive cementitious and carbonaceous material that dramatically enhances the performance, reliability and longevity of grounding systems. Available in a 25 lb pail, this reduced dust delivery system offers many advantages:

- May be stored on job site with no risk of damage
- Reusable packaging
- Extends the life of grounding systems up to 20x that of traditional systems
- Theft deterrent and maintenance free
- Environmentally friendly

The plastic pails eliminate outdoor storage concerns and reduce the possibility of puncture during handling or transportation to the job site. The lowering harness is included with the system to ensure installation is simple and efficient.



Applications

Grounding, Lightning & Electrical Protection Systems

Used across various industries including: electrical utilities, telecommunications, broadcasting, wind farms, mining, oil and gas, industrial, commercial and municipal.

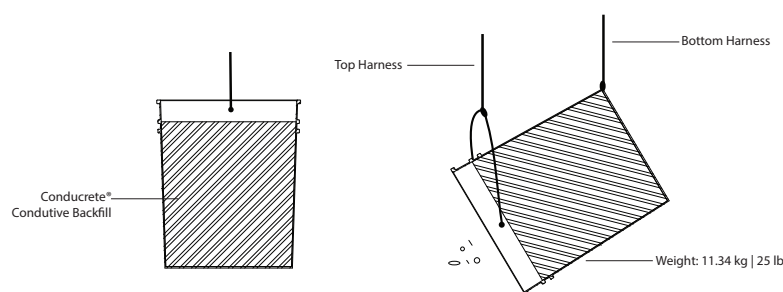
AC Mitigation Systems

Used for pipelines and other metal infrastructure co-located with electrical transmission lines in utility and transportation joint use corridors.

Grounding or Deep Anode (CP) Systems

Used especially where preventing aquifer contamination is a critical concern or when used as a backfill in cathodic protection systems.

Product Specifications



Dimensions	CM	IN
Pail Height	27.71	10.91
Pail Height with Lid	28.44	11.20
Upper width with Lid	30.86	12.15
Lower Width	26.41	10.40

Material Properties	Typical Value	
Appearance	Grey	
Odor	None	
Dry Volume (per 25 lb pail)	0.009 m ³	0.312 ft ³
Slurry Volume (per 25 lb pail)	0.010 m ³	0.358 ft ³
Dry Density (Dependent on Compaction)	1307 kg/m ³	81.40 lbs/ft ³
Cured Wet Density	1730 kg/m ³	108 lbs/ft ³
Slurry Density	1648 kg/m ³	102.9 lbs/ft ³
28 Day Shrinkage	0.015 %	
Permeability to Water	2.0 x 10 ⁻⁸ cm/sec	
Hygroscopic Property (Water Absorption)	25.4 %	
Resistivity (ASTM G187-05)	2.8 - 5.0 ohm-cm	
Electrolytic Corrosion Resistance	95-100 %	
High Fault Current Test Withstand	1682 V / 688 A for 500 ms	
pH in situ	Neutral	

Values subject to change.

Updated: 2/4/2020