



## Product Data Sheet

# Cebo Conduct-Gel 1.0

## Construction

**Cebo Conduct-Gel 1.0** is composed of a specially selected Bentonite/graphite mixture and is a unique, all-in-one solution for promoting efficient heat transfer from power cables to the surrounding soil. **Cebo Conduct-Gel 1.0** is a non-hardening suspension and therefore easy to remove after a certain period of time, if required. The product is cement-free and provides high flowability over long distances.

### Advantages

- Non hardening suspension – easily removed, if required
- High flowability
- High thermal conductivity

### Typical Properties

Parameter	Test method / In accordance with	Required
Specific Gravity	ASTM E946-92	≈ 2300 kg/m <sup>3</sup>
Bulk Density	DIN 18132	≈ 900 kg/m <sup>3</sup>
Suspension Density	ASTM D5890	≈ 1100 kg/m <sup>3</sup>
Thermal Conductivity	ASTM D5334-14 / IEEE 442-1981	1.05 W/m.K
Thermal Resistivity	ASTM D5334-14 / IEEE 442-1981	0.95 m.K/W

### Mixing & Application

For mixing the suspension, a low shear mixing system should be used.  
Formulation/m<sup>3</sup>: 164 kg Cebo Conduct-Gel 1.0 and 932 litres water.

**Cebo Conduct-Gel 1.0** is available in 700 kg Big Bags and as bulk.

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In so far as we can ascertain, the above-stated information is correct. However, we are unable to provide any guarantees with regard to the results that you will achieve with this. This specification is provided on the condition that you determine yourself to what degree it is suitable for your purposes.