

Cebo Conduct-Gel



Cebo Conduct-Gel 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 is a non-hardening suspension and therefore easy to remove after a certain period, if required.

Advantages

- Cement-free and provides high flowability over long distances.
- Non hardening suspension–easily removed, if required.
- High thermal conductivity.
- No water/product separation.
- Can be mixed with a standard mud mixing system.

PRODUCT	MIXING RATIO PER m ³	THERMAL CONDUCTIVITY	THERMAL RESISTIVITY
Water	n/a	0.58 W/m*K	1.72 m*K/W
Bentonite slurry	25 - 70 kg	0.6 W/m*K	1.67 m*K/W
Cement grouts	160 - 220 kg	0.8 W/m*K	1.25 m*K/W
Cebo Conduct-Gel 1.0	175 kg	1.05 W/m*K	0.95 m*K/W
Cebo Conduct-Gel 1.3	844 kg	1.25 W/m*K	0.8 m*K/W
Cebo Conduct-Gel 1.5	844 kg	1.43 W/m*K	0.7 m*K/W
Cebo Conduct-Gel 2.0	844 kg	2.0 W/m*K	0.5 m*K/W

