

Cebo Thermo-Grout Lite



Cebo Thermo-Grout Lite is a specially formulated, high yield, self setting higher thermal conductive grout. The product can be used in Vertical Drilling applications as well as in HDD applications to completely fill annular spaces where a high thermal conductivity is required. Cebo Thermo-Grout Lite sets as a plastic seal with a low water permeability which prevents mixing for underground water layers. By using this product, heat can be conducted more efficiently from or towards the ground.

Functions

- Seals annular space.
- Enhances heat transfer in the annular space.

Advantages

- Easy to pump.
- Low mixing ratio.
- High flowability.
- Minimum sag.
- Lower density compared to most other thermal enhanced grouts.
- Can be mixed with a large variety of existing mixing equipment.
- Not based on sand, therefore minimal wear and tear.
- Thermal conductivity of 1.4 W/m²*K (proven in field and laboratory).

Add slowly and uniformly through a Venturi-Hopper into a high shear mixing system. Circulate the slurry until the Cebo Thermo-Grout Lite is fully dispersed and hydrated.

Formulation/m³: 400 kg Cebo Thermo-Grout Lite and 840 litres water.

