



GEL SOIL

Granules

GEL SOIL is a polymer capable of absorbing water in order to decrease the wetness of the ground in which it is mixed in or it forms in conjunction with Drilling-fluid a stabilizing plug in lost circulation zones.

Creates perfect cuttings for disposal.

Once the polymer has absorbed water, it can be released only by chemical action and not by squeezing the ground. The product has no effects on environment.

GEL SOIL can absorb 200 times its own weight in water. 60% of hydration is reached in 15 minutes approx.

APPLICATION:

GEL SOIL can be used in several applications:

- **Sealing for lost circulation:** Carried by the mud into the fractures and voids of permeable ground, increasing volume and avoiding any lost circulation.

- **Disposal of waste fluids, Cuttings:** added to aqueous wastes, it transforms them into a *solid mass that can be easily removed / transported.*

Applications

- HDD- Drilling
- Micro tunnelling
- Disposal

Advantages

- reduces losses of mud
- sealing of low consolidated, porous formations
- reduces liquid waste volume
- perfect for wet soil disposal

Packaging:

25 kg Sacks
1000 kg Big Bags

Dosage:

Depending on water content can the Product be mixed into the Muck / Soil and create excavator capable cuttings.

Average concentrations:

4 – 10 Kg per m³ Soil in depending to present water content.

Ask for details in actual cases.

Caution:
This product needs to be stored in a dry environment!
Ideally is protection against humidity as well!

GELTEQ e.K.

M. Wiedermann, An den Wiesen 3, D-31542 Bad Nenndorf,

Fon: +49(0)5723-9085457, Fax: +49(0)5723-9087431, m.wiedermann@gelteq.de