Bentonil® GTC4

Short description

- BENTONIL® GTC4 is a high yielding, high quality bentonite with well-balanced rheological properties, designed to fit with all necessities of diaphragm walling, piling and similar applications.
- BENTONIL® GTC4 matches perfectly the requirements of EN 1538.

Customer benefit

Key properties

- Adapted rheology
- Best filtration properties
- Low sensitivity to contaminants

Benefits

- ▸ High trench-stability and productivity
- ▸ Improved stability and concreting
- ▸ Reduced consumption.

Application

- Specifically designed for diaphragm walling and piling
- Suitable for all kind of soil
- Can be used also for tunneling, micro tunnelling, pipe jacking and similar applications

Preparation

- Simply mix with water using an efficient mixer
- Very resistant against contaminated water
- Fast swelling (to get best properties at least 4 hours of swelling are required).

Properties

Specification:

at 45 g/l

- Marsh-funnel time: min. 42 sec
- Filtrate: max. 20 ml

Mud properties in fresh water:
(No guaranteed values because the properties are strongly depending on water quality)

Concentration Bentonil® GTC4 [kg/m³]	30	35	40	45	50
• Mud density [t/m³]	1.015	1.017	1.020	1.023	1.026
• Marsh-funnel time [sec]	31	34	37	42	47

Packing

In bulk, in jumbo bags or in 25 kg bags

Storage

Store in closed original packing at ambient temperature and protect from humidity

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