

BENTOSUND HGEL 30

BENTOSUND HGEL 30 is a product formulated from a natural sodium bentonite added with specific products, capable of extending its rheological characteristics, up to triple yields compared to traditional products.

Dry residue over 200 mesh	0,5 – 1 %
Moisture	11 – 14 %
Liquid limit	> 500 %
Appearance	Fine Powder
Color	Brown
Marsh viscosity 3,5 %	> 38 "
Bleeding after 24 hours	0
API Filtrate	20 – 25 ml
pH	8,5-10,5
Cake	1,0 – 1,5 mm

Advantages and benefit

BENTOSUND HGEL 30 is able to rapidly develop viscosity and gel strength. This property derives from its very high concentration of sodium montmorillonite as well as the special mix of polymers that allows it to hydrate quickly.

Once the ground has been conditioned, a thin and waterproof panel will form, capable of guaranteeing a waterproofing barrier.

Field of application

BENTOSUND H-GEL 30 developed for the following application:

- Micro-tunneling
 - o Pipe Jacking
 - o Direct Pipe
- HDD, big diameter.

Preparation

Mix in water using an efficient mixer for at least 10 minutes. The obtained slurry is already usable.

The best performances are obtained at 24h from the preparation of the mud.

Keep the mud agitated during use.

If necessary, the product can be added directly via mud hopper.

Packaging

- 25 Kg paper/valve bags
- Big bags
- Bulk

Storage and Disposal

Keep the product in a dry place and closed in original packing.

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