

## BENTOSUND HGEL 45

**BENTOSUND HGEL 45** is a product formulated starting from a natural sodium bentonite added with specific products, capable of extending its rheological characteristics, until obtaining double yields compared to traditional products.

As a product belonging to the family **S-Series** (seawater resistant) has been specifically designed to ensure high performance even in the presence of contamination of sea water.

Dry residue over 200 mesh	0,5 – 1 %
Moisture	11 – 14 %
Liquid limit	> 500 %
Appearance	Fine Powder
Color	Brown
Marsh viscosity 4,5 %	> 38 "
Bleeding after 24 hours	0
API Filtrate	20 – 25 ml
pH	8,5-10,5
Cake	1,0 – 1,5 mm

### Advantages

- rapid hydration
- resistance to salty contamination
- high yield on site
- simplicity of separation from solids (desanding)

### Field of application

BENTOSUND H-GEL 45 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.

*Information given in this bulletin is based on the state of our knowledge at the date of publication and are believed to be accurate, but do not constitute any engagement or warranty from our part. Buyers and users should make their own assessments under their own conditions and for their own requirements. Information may be changed without any notice. For mandatory characteristics and performance please refer to our Sale Specifications.*

