

BENTOSUND FS 300[®]

BENTOSUND FS 300[®] is a natural sodium bentonite which, after a brief dispersion in water, shows a rheological reaction that guarantees highly colloidal suspensions which have excellent suspensive waterproofing and lubricating characteristics. Its usage is recommended for the preparation of every drilling fluid especially for :

- H.D.D.process (no-dig methodology)
- Pipe-jacking.
- Water well drilling
- Mineral Exploration and Sampling

Wet screen analysis (residue on 200 mesh)	0,5 – 1 %
Moisture	11 – 14 %
Liquid limit	> 600 %
Physical state	Fine powder
Colour	Fine tan to Brown
Marsh viscosity (3,5 % distilled water susp.)	> 40 "
Bleeding after 24 hours	0
Fluid loss (30' at 100 psi)	15 – 20 ml
pH	8,5-10,5
Cake	1,0 – 1,5 mm

	30 kg/m ³	35 kg/m ³	40 kg/m ³
Filtrate - API (cm ³)	20	18	16
Viscosity 1500/1000 (s/l)	38-40	42-44	48-52
pH	8,6	8,7	8,9

Specific advantages and benefits

- Fast swelling
- Low consumption
- Suitable in all kind of soils

Application

BENTOSUND FS 300[®] is specifically set-up for Hydromill special foundation. It is suitable for all kind of soils

Preparation

Mix with water using a high efficient mixer. To get best properties at least 6 hours of aging are required. Keep the mud in circulation during the use.

Storage

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

Packaging

Bulk, Jumbo bags & 25 Kg paper/valve bags

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