

## BENTOSUND 300 Super S

BENTOSUND 300 Super S (BS 300 SS) 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 <sup>3</sup>	35 kg/m <sup>3</sup>	40 kg/m <sup>3</sup>
Filtrate - API (cm <sup>3</sup> )	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 300 Super S 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

*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.*

