

**Construction Technologies
Civil Engineering, Drilling & Tunnelling**

BENTOSUND 120E®

BENTOSUND 120E® is a 100% natural sodium bentonite – completely polymer-free which, after a brief dispersion in water and an aging time of about 6 / 8 hours, 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 (piles, Diaphragm Walls and tunnelling), mixtures for waterproof vertical cut-off walls, for setting-up of Earth Electrode systems and for the installation by pipe-jacking of concrete pipes.

Specific advantages and benefits

- Eco-friendly
- Polymer free
- Very good filtration properties
- Strong Waterproofing qualities

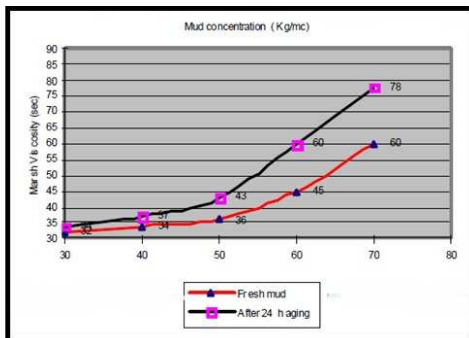
Application

BENTOSUND 120E® is specifically set-up for special foundation. It is suitable for all kind of soils.

Preparation

Mix with water using a high efficient mixer. To get best properties 24 hours of aging is required.

Keep the mud in circulation during use.



Typical characteristics (EN 1538 requirements) at 5% concentration

Mud Density	g/cm ²	< 1,10
Moisture	%	< 15
Dry residue on 200 Mesh	%	15 – 20
Marsh Viscosity - 24 h maturation	sec/l	33 – 53
Bleeding - 24 h maturation	%	Max 1
pH - 24 h maturation		7 – 11
Fluid loss - 24h maturation (EN 1538 method)	ml	< 30
Cake - 24 h maturation	mm	< 3

Packaging

Jumbo bags & 25 Kg paper/valve bags

Storage

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.