

BENTOSUND 120E T

BENTOSUND 120ET® is a 100% natural sodium bentonite – completely polymer-free.

High content in montmorillonite-type minerals guarantee excellent suspensive and waterproofing characteristics.

Its usage is recommended for the preparation of the slurry in TBM designed for this type of shield technology.

Typical characteristics at 5% concentration

Slurry Density	g/cm ²	< 1,10
Moisture	%	< 15
Dry residue on 200 Mesh	%	15 – 20
Marsh Viscosity - 24 h maturation	sec/l	36 – 45
Bleeding - 24 h maturation	%	Max 1
pH - 24 h maturation		7 – 11
Fluid loss - 24h maturation (EN 1538 method)	ml	< 25
Cake - 24 h maturation	mm	< 3

Specific advantages and benefits

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

Application

BENTOSUND 120E T is specifically set-up for Tunnelling. It is suitable for all kind of soils.

Preparation

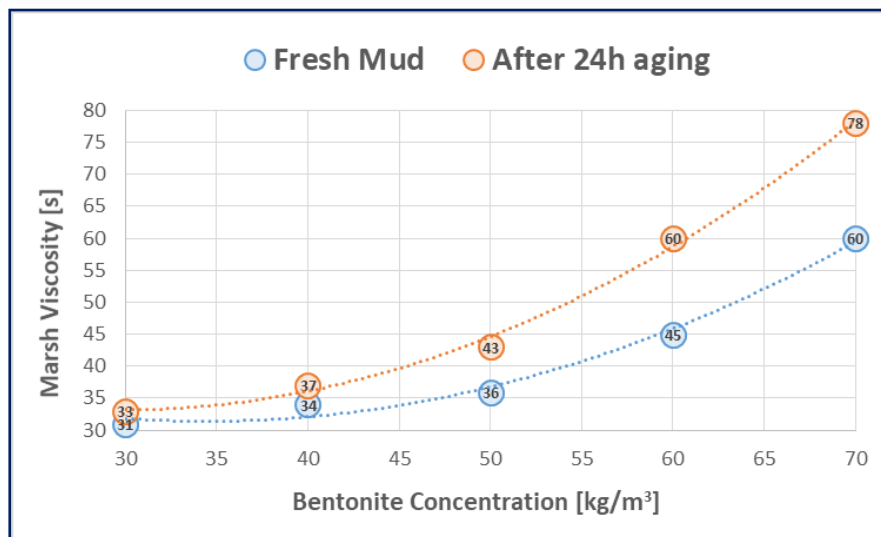
Mix with water using a high efficient mixer. To get best properties 24 hours of aging is required.

Packaging

Jumbo bags & 25 Kg paper/valve bags

Storage

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



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