



TECHNICAL DATA SHEET

Bentonite

Fields of Application

Ha-Be Bentonite is a high-quality natural sodium-based bentonite for all kinds of underground constructions. Excellent supporting and rheological characteristics, suitable for challenging soils.

Applications

- TBM-tunnelling
- Grouting stabilisation
- Diaphragm walls
- Bored piling foundations
- Pipe jacking
- Special civil engineering
- Shaft sinking

Working Principle

After dispersion in water, achieves a high-grade support fluid with excellent rheological characteristics. Prolongs workability time and facilitates pumpability.

Technical Data

Homogeneity	Homogenous
Colour	Brown
State	Powder
Moisture	max. 14%
Filter Loss	max. 17 ml
pH-value	9.5 +/- 1.0
Marsh Viscosity (5%)	min. 42 sec.
Workability	from +1 deg C
Shelf Life	approx. 1 year from production date
Storage	Unopened, sealed packaging between +5 and +25 deg C

Packaging

- 25 kg bags
- 1000 kg big bags
- Loose by bulk supply

Processing

Ha-Be Bentonite is to be added to the water. Not classified as hazardous according to CLP regulations.