

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

BENTOSUND AU 40

BENTOSUND AU 40 is a selected bentonite which accurately manufactured to be used for preparation of self-hardening and waterproofing mixtures. The optimal calibration between sodium and calcium created during the activation stage, allows these bentonites to form, with water and cement, perfectly stable mixtures.

GENERAL AND RHEOLOGICAL CHARACTERISTICS	
Wet screen analysis (residue 200 mesh)	0,5 – 1 %
Moisture	11 – 14 %
Liquid limit	300 – 400 %
Physical state	Fine powder
Colour	Brown
Marsh viscosity 4% (in distilled water suspension)	32 – 42 “
Bleeding after 24 hours	0
API Fluid loss (30’ at 100 psi)	< 15 ml
pH	9 – 10

Characteristics in cement mixture:

1800 g water

80 g bentonite

600 g standard cement

- Marsh viscosity 35 sec
- Bleeding after 2 hours 2%

Specific advantages and benefits

- Very Low sensibility to contaminants
- Low consumption/
- Environmental friendly

Application

BENTOSUND AU 40 is specifically set-up for self-hardening and waterproofing mixtures.

Packaging

- 25 Kg paper/valve bags
- Big bags
- Bulk

Storage and Disposal

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.