

Technical Data Sheet

Voda Seal™ -Grout

General Description:

Voda Seal™-Grout is treated bentonite with high montmorillonite content, suitable and designed to be used with cement for backfill grouting. Its properties is designed to work well with cement, retarders / accelerators. Low bleed rate with excellent performance.

Product Features: -

- Decreases the setting time
- Low permeability
- Hydraulic barrier / Waterproofing properties

Technical Specification: -

Free Swelling	ASTM D 5890	24 ml min
Methylene Blue Adsorption		400 mg/g
Plate Water Adsorption		500 min
pH	@5% dispersion	< 9.5
Bulk Density		0.85 ±10% g/cm ³
Moisture	ACC 1009	12-13%
API Fluid loss @ 64kg/m ³	API	20 ml
Permeability(co-efficient) Result after 7 days Based on specific use as SCB		10 ⁻⁸ m/sec

Particle Size Analysis: - (ASTM D 422)

Passing through #200 mesh	85% min
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Remarks:

The permeability of the bentonite is sensitive to the water quality being used. The figures are for fresh water not containing any chlorides. The carbonate hardness not exceeding 200 ppm.



[Star Export House accreditation by Govt. of India]

ISO 9001 : 2015 Quality System

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Only in-house production & process:
Bentonite | Drilling Polymer & Cellulose | Drilling Foam | Bentonite Pellets | Super Absorbent Clay