

BENTOPROSEAL-A

DESCRIPTION

BENTOPROSEAL-A is a quality sodium-activated bentonite with high yield (19 - 21 m³/t), specially processed to achieve very good rheological and waterproofing properties.

BENTOPROSEAL-A can be successfully used for various construction projects and technologies: preparation of bentonite suspensions for stabilization of excavation, cut off walls, grout curtains, piling works, construction of canals, embankments, artificial lakes and ponds, additive in mixtures with other building materials (as a retarder, binder, waterproofing component and similar).

PRODUCT PROPERTIES

Parameter	Unit	Limit value	Typical value
Moisture	%	≤ 13	9 - 13
Swelling volume (2g/100ml)	ml	≥ 28	28 - 34
Sieve residue 63µm, dry screen	%	≤ 25	20 - 25
Specific mass	kg/m ³	-	2650
Bulk density	kg/m ³	-	800 - 880

APPLICATION

Suspension properties	Unit	40 kg/m ³	50 kg/m ³	60 kg/m ³
Slurry density DIN 4127	kg/m ³	1022	1027	1034
Filtrate volume DIN 4127 (7,5 minutes)	ml	12	11	10
Liquid limit DIN 4126 (balls)	N/m ²	16	32	58
Marsh viscosity EN 1538	s	≥ 35	≥ 41	≥ 50

NOTE: Water quality affects BENTOPROSEAL-A performance. For best results set water pH to 8,5 - 9,5 by adding soda ash.

PACKAGING, STORAGE AND SHELF LIFE

- 25 kg (paper bags on a pallet 1.000 kg, protected with plastic foil)
- 1 ton (big bags)
- In bulk (delivered by silo truck)

To be stored in original packaging in dry place. Shelf life: 1 year.

QUALITY CONTROL

BENTOPRODUCT operates in accordance with the Integrated Management System that implies ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. Certified by TÜV.





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TECHNICAL DATA SHEET revision number: BPS-A-ENG-2022-0.1

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