

BENTOPROSEAL-B

DESCRIPTION

BENTOPROSEAL-B is a sodium-activated bentonite with good yield (16 - 18 m³/t), specially processed to achieve good rheological and waterproofing properties.

BENTOPROSEAL-B can be successfully used for various construction projects and technologies: preparation of bentonite suspensions for stabilization of excavation, 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	≥ 24	24 - 28
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	50 kg/m ³	60 kg/m ³	70 kg/m ³
Slurry density DIN 4127	kg/m ³	1027	1034	1038
Filtrate volume DIN 4127 (7,5 minutes)	ml	11	10	9
Liquid limit DIN 4126 (balls)	N/m ²	6	12	30
Marsh viscosity EN 1538	s	≥ 35	≥ 41	≥ 47

NOTE: Water quality affects BENTOPROSEAL-B 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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