

Europaste - Bentonite Paste

Europaste all-purpose Bentonite Paste

Highquality and easy to apply bentonite levelling compound

Features

Europaste is a plastic and easy to use bentonite paste especially created for structural waterproofing.

Europaste consists of two complementary components:

- Sodium bentonite with very good sorption features and selected additives
- Biologically harmless, paste-like, weather-resistant, solvent-free, and frost-resistant special wax with a very good adhesion capability to concrete.

Field of Application

Sealing and protection of concrete areas in direct contact with soil used by civil engineering.

It is used to seal pipes, shafts, penetrations, voids, and honeycombs of concrete construction parts. Europaste is the ideal product when using bentonite membranes for structural waterproofing.

Europaste is

- environment friendly,
- extremely resistant,
- easy to install.

Europaste has got

- a high density,
- a controlled quality,
- and seals extremely effectively.



Application

Europaste immediately seals. The bentonite in the Europaste reacts with penetrating water and the bentonite in the paste swells. This pressure seals extremely leak-proof. Because of the swelling pressure no water circulation between the membrane and the

concrete structure is possible. Also cracks in the concrete structure will be sealed waterproof!

Underground

All firm and load carrying undergrounds are suitable, preferably blinding concrete. Cracks > 1mm and/or irregularities of surface > 1mm can also be sealed permanently with Europaste bentonite paste.



Advantages of Europaste

Quick and easy to install ...

... independently of temperature and weather condition.
...also during cold season!

Quality control tests ...

... of the sodium bentonite, the additives and the special wax ensure consistent high quality!

The high density ...

... of the bentonite paste.

The good adhesion to the concrete ...

... because of its experienced manufacturing technology! Quick and easy to install.

The sealing of shrinking cracks ...

... in the concrete structure by the swelling pressure of the bentonite.

Self-healing ability ...

... the bentonite stops any water flow into the concrete construction.

Form of delivery / Storage

Bucket à 25 kg



Keep Europaste dry, frost-free and protect against heat.
Shelf life is unlimited.
Stir briefly before use!

**Technical data of Europaste Bentonite Paste
/ Bentonite levelling compound**

Technical Bentonite levelling compound			
Water content DIN 18121	w	10 ± 2	%
Specific density DIN 18124	ρ _S	2,65	g/cm ³
Bulk density		800	g/l
Dry screen residue on sieve 0,063 mm DIN 53734		20 ± 5	%
Methylene blue adsorption VDG P69		360 ± 30	mg/g
Cation exchange capacity	CE C	80 ± 10	mval/ 100 g
Water adsorption Enslin-Neff, after 24 h DIN 18132	wA	≥ 500	%
Swelling volume		≥ 25	ml/2 g
Liquid limit DIN 18122	wL	450	%
Plastic limit DIN 18122	wP	45	%
Plasticity index (calculated)	Ip	405	%

Technical Europaste levelling compound			
Density Europaste		1,95	kg/dm ³
Flashpoint Europaste		>250	°C
Colour		yellow/brown	
Application temperature		-5 - +40	°C
Consistency		Soft-plastic to firm depending on temperature	