

PLASTICIZER K1A CONC.

High-quality plasticizer for semi-dry concrete

Product Description

PLASTICIZER K1A CONC. is used for the production of concrete elements from no-slump/semi-dry concrete.

Mode of Action

PLASTICIZER K1A CONC. will reduce the surface tension of the gauging water and therefore improve wetting of the cement. Given the low w/c ratio, an exceptionally high grade of hydration is achieved.

When producing with two layers with a high sand content in the face mix, the bond with the back mix will be improved.

Benefits:

- Increase in green and final strength
- Increase in density
- Reduced tendency to effloresce
- Intensified colors when pigments are used
- Smoother surfaces

Dosing and Special Information

PLASTICIZER K1A CONC. should be added with the gauging water, however, it may also be dosed directly onto the aggregates.

Preliminary tests according to official national standards are always required before use!

Status: 01/14

Technical Data

PLASTICIZER K1A CONC.	
Form	Fluid
Colour	Colorless to light yellow
Density	$1.02 \pm 0.02 \text{ g/cm}^3$
pH-value	8.5 ± 1.0
Storage	Keep original containers closed, protect from excessive heat and frost.
Recommended Dosage	0.20–0.30 m.-% by cement mass

Physiological effect	May irritate skin and eyes; see SDS.
Shelf life	approx. 12 months in closed original containers

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