

## KÖSTER NB 1 Flex

Technical guideline / Article number  
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**3.0211**

### Liquid admixture for KÖSTER NB sealing slurries

#### Description

KÖSTER NB 1 Flex is a dispersion of a carboxylated styrene-butadiene-latex. The latex is, due to its non-ionic stabilisation, compatible with all customary standard cements.

#### Technical data

dry matter content	23 ± 1 %
pH-value	10.5 – 11.5
viscosity	< 100 mPa.s
surface tension	approx. 50 mN / m
specific gravity	approx. 1.00
minimum film formation temperature	approx. 0°C

#### Field of application

KÖSTER NB 1 Flex

- causes when added to KÖSTER NB sealing slurries, such as KÖSTER NB 1 Grey or KÖSTER NB 2 White, a plastification of the material and thus a smoother application.
- increases the water retention and thus prevents the coating from drying to fast.
- improves the adhesion to the substrate.
- increases the elasticity and the resistance to aggressive compounds in the ground.
- causes a considerable increase of the frost and de-icing salt resistance.
- reduces the permeability to oil and solvents.
- improves the resistance to chemicals.

#### Application

The material must be mixed using a slow speed mixer whereby the powder of the KÖSTER NB sealing slurry is added to the KÖSTER NB 1 Flex liquid admixture. Make sure that the powder is mixed in lump-free.

#### Consumption

8 kg jerry can per 25 kg bag of KÖSTER NB sealing slurry

#### Cleaning of tools

With water immediately after use

#### Packaging

8 kg jerry can

#### Storage

If the material is stored in originally sealed containers in a cool but frost-free place, KÖSTER NB 1 Flex can be stored for approx. 2 years. Reseal opened packages thoroughly.

#### Safety precautions

Wear protective gloves and goggles during processing of the material.

#### Technical guidelines cited

KÖSTER NB 1 Grey	Art.-No.	3.021
KÖSTER NB 2 White	Art.-No.	3.022

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.