

KÖSTER

NB Elastic 1C White

Technical guideline / Article number **3.039**

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1 component, elastic, mineral waterproofing

Features

KÖSTER NB Elastic 1C White is a light-coloured, waterproof, elastic, wear-resistant waterproofing with excellent adhesion to all mineral substrates. The material can bridge cracks. It is abrasion-resistant and resistant to concrete-corroding waters.

Technical data

Density (powder with mixing)	approx. 1.4 g / cm ³
Colour	light beige
Application temperature	min. + 2 °C
Adhesive tensile strength	> 0.5 N / mm ²
Pot life	approx. 2 hours
Resistant to foot traffic	after approx. 24 hours
Application of next layer	after approx. 24 hours
Crack bridging (2mm layer thickness)	< 0.4 mm

Field of application

Coatings made of KÖSTER NB Elastic 1C White are wear-proof, elastic and waterproof. Such coatings can be used for areas subject to mechanical stresses and for areas which might be subject to cracking, e. g. waterproofing layers on terraces and balconies, as protection for concrete surfaces which can be walked on, wet- and damp-rooms underneath tile and ceramic coverings.

If a waterproofing (2 layers) is made of KÖSTER NB Elastic 1C, then the material can also be used (applied as a third layer) as tile adhesive. It is not suited for waterproofing against negative side water pressure.

Substrate preparation

The substrate has to be sound and solid and clean.

Absorbent substrates should be primed with KÖSTER Polysil® TG 500. Non-absorbent substrates are pre-wetted so that they are damp. Avoid standing water on the area to be sealed.

Application

Fill clean mixing water into a container suitable for mixing. Add the powder component to the mixing water and mix it in using a slowly

rotating stirring device. Make sure that the resulting consistency is lump-free. Per 25 kg bag of KÖSTER NB Elastic 1C White, 4.5 to 5.5 l of water are needed.

KÖSTER NB Elastic 1C White is applied in at least two coats using a trowel or a brush.

On areas which are especially in danger of cracking, KÖSTER Flex Fabric is embedded into the first coat. Then apply at least a second coat on top.

On wall / floor junctions and in corners, KÖSTER BD Flex Tape K 120 is embedded into the first layer and the excess width of the fabric is worked over with KÖSTER NB Elastic 1C White.

When continually exposed to sunlight, discolouration is possible.

Consumption

Minimum 3 kg / m²

Maximum 3.5 kg / m²

Cleaning of tools

Clean tools with water immediately after use.

Packaging

25 kg bag

Storage

Store the material cool and frost free; in originally sealed packages, the material can be stored for approx. 12 month.

Safety precautions

Wear protective gloves and goggles during processing/application.

Technical guidelines cited

KÖSTER Polysil® TG 500	Art.-No.	4.011
KÖSTER BD Flex Tape K 120	Art.-No.	11.03
KÖSTER Flex Fabric	Art.-No.	11.05

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.