

KÖSTER NB-Elastic 1C white

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One-component, elastic mineral coating

Description

NB-Elastic 1C is a watertight, elastic, wear- and tear resistant coating, at the same time providing excellent adhesion to all mineral substrates.

Technical Data

Specific gravity	ca. 1,6 g / cm ³
Colour	Light beige
Application temperature	min. + 2° C
Tensile Strength	0,67 N / mm ²
Pot Life	ca. 2 hours
Can be walked on after	Approx.. 24 hours
Can be re-coated after	Approx.. 24 hours

Areas of use

To create tough, elastic waterproof coatings on crack endangered surfaces such as terraces, balconies, under tiles in swimming pools, waterproofing of wet and bath rooms underneath tiles. Under certain circumstances it can also be used as a tile adhesive.

Substrate

The substrate must clean and free from any contaminants that might affect the bonding adversely. Absorbent substrates should be primed with Polysil® TG 500. Non-absorbent substrates do not require priming, but must be pre-wetted before application. Standing water is be avoided.

APPLICATION

Mix the powder thoroughly with the pre-measured water by means of a slow speed mixer by adding the powder component to the water (mixing ratio: 25 kg powder : 4,5 – 5,0 l water). Prime absorbent substrates with KÖSTER Polysil (app. 100–150 g /m²) before applying KÖSTER NB-Elastic. Apply at least two layers of KÖSTER NB-Elastic 1C with brush or trowel. Embed KÖSTER Glass Fibre Mesh into the first coat while it's still fresh in areas prone to cracking and cover it with at least one more coat of KÖSTER NB-Elastic. Embed KÖSTER Flex Tape K 120 into the fresh first coat at wall /floor junctions and corners and cover the protruding mesh edges with KÖSTER NB-Elastic.

CONSUMPTION

Dampness /ground moisture: 2 mm layer thickness = 3.6 kg/m²
Non-pressurised water: 2 mm layer thickness = 3.6 kg/m²
Pressurised water: 2.5 mm layer thickness = 4.5 kg/m²
Thickness is dry film thickness. Consumption are min. based on an optimal smooth substrate.

CLEANING OF TOOLS

With water immediately after use.

Packaging

Powder component: 25 kg bag

SHELF LIFE & STORAGE

12 months in unopened backs. Material should be stored cool, dry and frost free.

SAFETY PRECAUTIONS

Wear protective gloves and goggles during application.

Zitierte technische Merkblätter

POLYSIL® TG 500	Art.-Nr. 7.13
KÖSTER Glass fibre mesh	Art.-Nr. 11.01
KÖSTER Flex-Band K 120	Art.-Nr. 11.03