KOSTER NB 1 Fast

Technical Data Sheet W 223 025

Issued: 01-13-17

Fast curing cementitious waterproofing

Features
KOSTER NB 1 Fast is a cementitious coating containing crystallizing and capillary-plugging agents used for waterproofing below grade against pressurized and non-pressurized water in combination with KOSTER Polysil TG 500. KOSTER NB 1 Fast is fast setting, and may be exposed quickly to hydrostatic pressure.

Technical Data

Compressive strength (3 hrs)*	> 725 psi
Compressive strength (24 hrs)*	> 2175 psi
Compressive strength (7 d)*	> 2900 psi
Flexural strength (7 d)*	> 435 psi
Tensile strength	> 218 psi
Waterproof against pressurized water (pos. side)	> 72.5 psi
Pot life	Approx. 15 min
Application of cementitious coatings	After 30 min
Resistant to foot traffic	After 3 hrs
Full cure	Approx. 24 hrs

*At 70°F

Fields of Application
KOSTER NB 1 Fast may be used for waterproofing horizontal and vertical surfaces in new construction, and repair for positive or negative-side waterproofing.

Substrate
The cementitious or masonry substrate must be sound, solid, and free of grease and oil. Before installation of KOSTER NB 1 Fast, prime the substrate by spraying KOSTER Polysil TG 500.

Application
Mix one 55 lb bag of KOSTER NB 1 Fast with 9.5 qts of clean water. Mix using a slow speed mixer until a homogeneous, lump-free consistency is reached. Apply the material in at least two coats with a brush or suitable spraying device. Be sure that the coating is not exposed to heat, frost, or strong winds during the installation and for at least 24 hours afterwards.

Aftertreatment
If the material dries prematurely, or water is absorbed into the substrate, mist the coating with water so that it remains dark.

Coverage
Approx. 70-180 sq ft/bag per coat.

Cleaning
Clean tools immediately after use with water.

Packaging
W 223 025 55 lb bag

Storage
Store dry; in originally sealed packaging, it can be stored for approx. 12 months.

Safety
Consult Safety Data Sheet. Always wear proper personal protective equipment when handling this product.

Warranty
KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the products data sheet. KOSTER covenants that in the event any of its products fail to meet their published specifications, KOSTER shall replace those products proved to be defective. KOSTER shall not be responsible for any incidental or consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOSTER's sole liability hereunder shall not exceed the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOSTER MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED AND MAKES NO WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The user must determine if the product is suited for the intended use and the user must bear the risks and liabilities associated with it.

Related products

KOSTER Polysil TG 500	Art.-Nr. M 111
KOSTER Restoration Plaster 2 "Fast"	Art.-Nr. M 663 030
KOSTER Protection and Drainage Sheet 3-400	Art.-Nr. W 901 030
KOSTER NB 1 Brush for slurries	Art.-Nr. W 913 001
KOSTER Double Paddle Mixer	Art.-Nr. X 992 001

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 installer is responsible for the correct application taking into consideration the specific conditions of the construction site and 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 deviate from the specifications contained in any Company literature may not be relied upon in the absence of written confirmation from the Company. The installer must comply with all testing, technical requirement, guidelines, and industry customs at all times. The terms, conditions, and limitations contained in the written warranty for the product controls over the specifications contained herein. This guideline has been technically revised; all previous versions are invalid.

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