



# KOSTER NB Elastic Grey

Technical Data Sheet W 233 033

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## Two component elastic cementitious waterproofing

### Features

KOSTER NB Elastic Grey is a waterproof, elastic, wear-resistant coating with excellent adhesion to cementitious and masonry substrates. The material can bridge cracks up to a width of 40 mils (0.04-in), is abrasion resistant, UV-resistant, and resists concrete corrosion from dilute acids and alkalis.

### Technical Data

Mixed density	14.2 lb/gal
Binder components	Min. 52% by weight
Application temp.	Min. 35°F
Tensile elongation	> 50%
Tensile strength	100 psi
Crack bridging	0.08-in
Adhesive tensile strength	> 70 psi
Waterproof against pressurized water	> 100 psi
Working time	Approx. 2 hrs
Resistant to foot traffic	Approx. 24 hrs
Application of subsequent layers	After approx. 2 days

### Fields of Application

KOSTER NB Elastic Grey coatings are wear-proof, elastic, and waterproof, and can be used for areas subject to mechanical stresses and areas that are subject to cracking such as waterproofing layers on terraces and balconies, as protection for concrete surfaces subject to foot traffic, waterproofing for water tanks, swimming pools, and wet rooms. If a waterproofing system of 2 layers of KOSTER NB Elastic Grey is applied, the material may also be used (applied as a third layer) as tile adhesive. It is not suitable for waterproofing against negative side water pressure or for waterproofing roofs.

### Substrate

Substrates to receive KOSTER NB Elastic Grey must be sound, solid, and clean. Prime absorbent substrates with Koster Polysil TG 500. Dampen non-absorbent substrates. Avoid standing water on the area to be sealed.

### Application

Add the powder component to the liquid component. Thoroughly mix both components using a slow speed mixer. Apply KOSTER NB Elastic Grey in at least two coats using a trowel or a brush. On areas which are especially in danger of cracking, embed KOSTER Flex Fabric into the first coat. Apply a second coat when the first coat has dried. At wall/floor intersections and in corners, embed KOSTER BD Flex Tape K 120 into the first layer and work over the excess width of the fabric with KOSTER NB Elastic Grey. Protect fresh applications of KOSTER NB Elastic Grey from frost and rain until fully cured.

### Coverage

Approx. 75 - 100 sq ft/unit.

<u>Condition</u>	<u>Min. thickness</u>	<u>Total Coverage</u>
Ground Moisture	1/16-in	100 sq ft/unit (0.75 lb/sq ft)
Non-retained seepage	1/16-in	100 sq ft/unit (0.75 lb/sq ft)
Retained seepage	3/32-in	100 sq ft/unit (0.75 lb/sq ft)
Transition wall to foundation	1/16-in	100 sq ft/unit (0.75 lb/sq ft)

### Cleaning

Clean tools immediately after use with water.

### Packaging

W 233 033 33 kg: powder - 25 kg bag, liquid - carton (2 x 4 kg foil bags)

### Storage

Store in a cool, dry place. Protect from freezing. In originally sealed package, it can be stored for 6 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 BD Flex Tape K 120	Art.-Nr. B 931
KOSTER Polysil TG 500	Art.-Nr. M 111
KOSTER NB 1 Grey	Art.-Nr. W 221 025
KOSTER NB Elastic White	Art.-Nr. W 234 033

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.



KOSTER Glass Fiber Mesh	Art.-Nr. W 411
KOSTER Repair Mortar	Art.-Nr. W 530 025
KOSTER Repair Mortar Plus	Art.-Nr. W 532 025
KOSTER SB Bonding Emulsion	Art.-Nr. W 710
KOSTER NB 1 Brush for slurries	Art.-Nr. W 913 001
KOSTER Peristaltic Pump	Art.-Nr. W 978 001

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