



KOSTER SB Bonding Emulsion

Multipurpose bonding additive for KOSTER NB 1 and other cement based compounds

Features

KOSTER SB Bonding Emulsion is designed to be used as an additive for KOSTER NB 1 and all KOSTER cementitious mortars, plasters, and sealing slurries, improving protection from water soluble salts, acids and alkalies. KOSTER SB Bonding Emulsion is solvent-, plasticizer-, and filler-free. When added to mineral systems, the synthetic liquid increases elasticity and flexibility, and reduces water absorption.

Technical Data

Non-Volatile Content	46.0 – 48.0%
pH	10.5 – 11.5
Density	8.4 lb/gal
Viscosity, Brookfield (#2 at 20 rpm, typical)	100 cps

Fields of Application

KOSTER SB Bonding Emulsion can be used to improve the bond between mortars, plasters, sealing slurries, concrete and existing mineral substrates. Due to the synthetic additive, cured mortars and plasters become considerably more resistant to frost, salts, and other aggressive substances.

Substrate

Substrates must be sound, clean, and free of contaminants such as curing compounds, dust, dirt, paint, oil, previous coatings, and form-release agents. Concrete substrates must have cured a minimum of 7 days and provide an absorptive surface. A dampened surface is required before applying coatings mixed with KOSTER SB Bonding Emulsion.

Application

Additive to mortars, plasters, KOSTER NB-Sealing Slurries and concrete:

Add 10-20% of KOSTER SB Bonding Emulsion to the mixing water.

Cementitious scrub coat:

Mix KOSTER SB Bonding Emulsion with water at a 1:2 ratio. Use this mixture to produce a slurry by mixing it with a cement/sand mixture (1:2). Apply the slurry with a firm brush. Plasters and screeds are applied fresh on fresh. If used as scrub coat for sealing materials, the material must cure at least 24 hours.

Mixing Techniques

When mixing KOSTER SB Bonding Emulsion with cement/sand, use slow-speed mixing equipment to avoid aeration of mix. Always add cement/sand mix to KOSTER SB Bonding Emulsion/water mix. Use clean, potable water.

Cleaning

Clean tools with water immediately after use.

Packaging

W 710 010 2.5 gallon jug

Storage

Store in a cool, dry place.

Safety

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

Limited 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 Repair Mortar NC	Art.-Nr. C 535 025
KOSTER Restoration Plaster 1 Grey	Art.-Nr. M 661 025
KOSTER Restoration Plaster 2 "Fast"	Art.-Nr. M 663 030
KOSTER Restoration Plaster 2 "Light"	Art.-Nr. M 664 025
KOSTER KD System	Art.-Nr. W 219 036
KOSTER NB 1 Grey	Art.-Nr. W 221 025
KOSTER NB 2 White	Art.-Nr. W 222 025
KOSTER NB 1 Fast	Art.-Nr. W 223 025
KOSTER NB Elastic Grey	Art.-Nr. W 233 033
KOSTER NB Elastic White	Art.-Nr. W 234 033
KOSTER Repair Mortar	Art.-Nr. W 530 025

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.