



KOSTER Repair Mortar

Concrete repair and water-repellent finishing mortar

Features

KOSTER Repair Mortar is a watertight repair mortar and plaster with excellent adhesion to most building material substrates. When used with KOSTER SB Bonding Emulsion, it may be used as a polymer-modified cement mortar.

Technical Data

Compressive strength (7 days)	> 2600 psi (ASTM C109)
Compressive strength (28 days)	> 5000 psi (ASTM C 109)
Flexural strength (7 days)	> 850 psi (ASTM C348)
Flexural strength (28 days)	> 950 psi (ASTM C348)

Fields of Application

KOSTER Repair Mortar can be used for waterproof repairs and touch up, creation of water-repellent plasters, concrete repair, or smoothing rough surfaces or joints prior to the application of bitumen thick film sealants, even under pressurized water. It can be used for fillets or cants in wall/floor junctions which are stressed by pressurized water prior to application of bitumen thick film sealants and cement based coatings.

Substrate

The surface must be sound and solid, free of oil and grease. The material may be applied to all cementitious substrates. Before installing a fillet on an external basement wall, prime with KOSTER NB 1 Grey (coverage approx. 0.8 lb/ft²). If larger surfaces are to be plastered, a plaster key made of repair mortar and water/KOSTER SB Bonding Emulsion (25% admixture to the mixing water) should be applied before application.

Application

Mixing:

Mix one 55 lb bag of KOSTER Repair Mortar with 2.8 quarts of water and 0.8 quarts of KOSTER SB Bonding Emulsion. Add 3/4 of the liquid into a mixing vessel, and add the powder in portions while mixing continually with a slow speed electrical mixer. Add the rest of the liquid as needed during mixing to adjust the mortar to the desired consistency. Mix for approx. 3 minutes until a homogeneous, lump-free consistency is reached. The material can also be applied without KOSTER SB Bonding Emulsion by adding 0.8 quarts water in the place of SB Bonding Emulsion.

Application:

Apply KOSTER Repair Mortar using customary mason tools and methods.

Coverage

Dependent on application.

Approx. 112 lb/cubic ft void

Approx. 5 lb/sq ft per 1/2-in layer thickness of plaster

Approx. 1.7 lb/ft of fillet

Cleaning

Clean tools immediately after use with water.

Packaging

W 530 025

55 lb bag

Storage

Store the material dry. In originally sealed packages, it can be stored for approx. 12 months.

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 ORS D	Art.-Nr. CT 138 010
KOSTER Polysil TG 500	Art.-Nr. M 111
KOSTER Dachflex	Art.-Nr. R 260 020
KOSTER KD System	Art.-Nr. W 219
KOSTER NB 1 Grey	Art.-Nr. W 221 025
KOSTER NB 2 White	Art.-Nr. W 222 025
KOSTER NB 4000	Art.-Nr. W 236 025
KOSTER KBE Liquid Film	Art.-Nr. W 245
KOSTER Deuxan Professional	Art.-Nr. W 256 032
KOSTER SB Bonding Emulsion	Art.-Nr. W 710

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.