



KOSTER Betomor Multi A

Universal filling, levelling and corrosion protection mortar for fast repair of concrete and masonry

Features

KOSTER Betomor Multi A is a polymer-modified filling and levelling mortar for fast repair of concrete and masonry. KOSTER Betomor Multi A cures without cracking or shrinking. It has excellent adhesion to concrete, steel, and brick. It protects steel reinforcement from corrosion without needing additional anti-corrosion coatings. KOSTER Betomor Multi A combines an anti-corrosion coating, a bonding slurry for steel and concrete/masonry, a waterproof non-shrink mortar, and a concrete finish in a single product.

Technical Data

Compressive strength (4 h, 70°F)	435 psi
Compressive strength (3 d, 70°F)	1450 psi
Compressive strength (28 d, 70°F)	4350 psi
Flexural strength (3 d, 70°F)	435 psi
Flexural strength (28 d, 70°F)	725 psi
Minimum application temp.	40°F
Maximum air temp.	86°F
Maximum temp. of structural member	104°F
Pot life (70°F)	30 min

Fields of Application

For filling and levelling voids (up to 2.5 in layer thickness) in reinforced or un-reinforced concrete without a separate anti-corrosion coating.

Substrate

The surface must be solid, sound, clean, and free of dust, loose material, oil, and grease. Minimum flexural strength of a structural member must be 225 psi. Rust must be removed from steel reinforcement before application.

Application

Mixing:

Mix KOSTER Betomor Multi A to a smooth, lump-free mass with clean potable water as follows:

- 4.8 quarts water per 55 lb bag
- 2.85 quarts water per 33 lb pail
- 1.06 quarts water per 13.2 lb pail

Do not add more water than specified. Mix for 3 minutes. Do not prepare more material than can be applied within approx. 15 minutes. If the air temperature is above 86°F or if the temperature of the structural member is above 104°F, add 20% KOSTER SB Bonding Emulsion to the mixing water.

Installation:

The maximum working time is approx. 30 minutes. Apply KOSTER Betomor Multi A in one step with a spatula or trowel. When applying the

material overhead, trowel the material in small portions onto the surface. As soon as setting begins, smooth the surface with a trowel or float. Apply up to 2.5 inches thick.

Coverage

Approx. 0.3 lb/sq ft per 1/2-inch thickness; approx. 10 sq ft per 33 lb unit, approx. 16 sq ft per 55 lb unit.

Cleaning

Clean all mixing and application equipment with water immediately after use.

Packaging

C 500 015	33 lb bucket
C 500 025	55 lb bucket

Storage

Store the material dry. In originally sealed packaging, it can be stored for 6 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 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.