



KOSTER Sewer and Shaft Mortar

Chemically resistant, fast curing restoration mortar for sewers and shafts

Features

KOSTER Sewer and Shaft Mortar is a water tight, fast curing, and fast setting restoration mortar for application in sewers and shafts. KOSTER Sewer and Shaft Mortar is fiber reinforced and develops a high compressive strength. KOSTER Shaft and Sewer Mortar can be applied below the water line even under flowing water.

Technical Data

Compressive strength (24 hours)	> 2600 psi
Compressive strength (7 d)	> 5000 psi
Compressive strength (28 d)	> 7250 psi
Bending tensile strength (24 h)	> 500 psi
Bending tensile strength (7 d)	> 870 psi
Bending tensile strength (28 d)	> 1000 psi
Pot life (70°F)	Approx. 20 min.

Fields of Application

KOSTER Sewer and Shaft Mortar can be used for the watertight repair, renovation, and touch ups of sewer and shaft systems, and for leveling and filling break-outs up to 1.2 in (3 cm) per layer.

Substrate

The surface must be sound, solid, and free of oil and grease. Contaminated substrates should be removed down to a contaminant-free layer. KOSTER Sewer and Shaft Mortar is usable on all stable, hard cementitious substrates. Tiling must be removed. The substrate must be absorptive. Wet substrate before application.

Application

Mix one 50 lb bag of KOSTER Sewer and Shaft Mortar with 4.8-5.3 qts of water. Place 3/4 of the liquid into a mixing vessel of sufficient size. Add the powder in portions while continually mixing with a slow rotating double paddle electrical mixer. Add the remaining liquid as needed during mixing to adjust the mortar to the desired consistency. Mix until a homogeneous, lump-free consistency is reached. Minimum mixing time is 3 minutes.

Apply KOSTER Sewer and Shaft Mortar using customary mason's tools in one layer. The minimum thickness for a water tight coat is 5/32-in. Maximum thickness is 1.2 in (3 cm) per layer.

Coverage

Approx. 0.5 cubic ft per bag as repair mortar. Approx. 3.7 lb/sq ft per 1/2-in layer thickness.

Cleaning

Clean tools immediately after use with water.

Packaging

C 590 025 55 lb bag

Storage

Store dry. In original unopened packages, the material may be stored for 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 Peristaltic Pump	Art.-Nr. W 978 001
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.