



KOSTER Waterstop

Expanding, fast curing plugging mortar for sealing water leaks

Features

KOSTER Waterstop is a fast curing, expanding plug and repair mortar. Its fast curing and expansion properties create a tight bond with the existing substrate, quickly sealing pressurized leaks and leaking cracks.

Technical Data

Density of fresh mortar (ASTM C-905)	15.86 lb/gal
Compressive strength (ASTM C-109)	1 day: \geq 215 psi 7 days: \geq 580 psi
Flexural strength (ASTM C 905)	\geq 230 psi
Starts to cure after	Approx. 30 seconds
Application of next layer	Approx. 3 hours

Fields of Application

KOSTER Waterstop can be used to seal water leaks in concrete, masonry, and natural stone structures quickly. It can also be used to install fillets subject to pressurized water, to seal slotted walls, manholes, cable and pipe penetrations, and to seal damaged pipe joints in canal construction, even if exposed to pressurized water.

Substrate

The substrate must be sound, solid, and free of grease and oil. The area to be waterproofed must not be subject to movement. Remove the area around the leaks at least 3/4-in deep. Dry substrates must be dampened thoroughly before application of KOSTER Waterstop.

Application

Mix KOSTER Waterstop with approx. 3.4 oz/lb of clean, potable water into a stiff, homogeneous mortar. Due to the fast curing time, prepare only small amounts at a time. In the event of water leaks, press the mortar into the cavity firmly for approx. 1-2 minutes (until cured). Substrate temperature and ambient temperature must not be below 40°F. In order to prevent further leaking from the area surrounding the leak, coat the area with KOSTER NB 1 Grey. If the substrate is heavily damaged by salt or moisture, coat the surface with the KOSTER KD System after installation of KOSTER Waterstop.

Coverage

Approx. 0.4 cubic feet per bag.

Cleaning

Clean tools immediately after use with water.

Packaging

W 540 015 33 lb bucket

Storage

Store in a cool, dry place. In originally sealed packages, it may be stored for approx. 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 KD System Art.-Nr. W 219 036
KOSTER NB 1 Grey Art.-Nr. W 221 025

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.