



KOSTER Micro Grout 1C

Technical Data Sheet IN 295 024

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High strength, non-shrinking injection grout for crack and void filling

Features

KOSTER Micro Grout 1C is a high grade injection mortar with a high final compressive strength for injections in concrete and masonry. KOSTER Micro Grout 1C does not form sediment during installation.

Technical Data

Grinding fineness (Blaine)	>2685 sq in/lb
Compressive strength (1d)	>2100 psi
Compressive strength (7d)	>5800 psi
Compressive strength (28d)	>8700 psi
Pot life	Approx. 100 min.

Fields of Application

KOSTER Micro Grout 1C can be used for injection of cracks in masonry and concrete, grouting of rock, earth, and masonry anchors, and filling voids and joints. It can also be used to solidify granular and/or sandy soils.

Substrate

The substrate must be clean, free of dust, grease, and other contaminants that may inhibit bonding. The load capacity must correspond to the expected loads. Pre-wet the substrate before application of the material.

Application

Mix one bag of KOSTER Micro Grout 1C with 8 to 9 quarts of clean potable water. Add 2/3 of the total water into a clean mixing vessel. Add the powder while continuously mixing with a mechanical mixing device. Add the remaining water and thoroughly mix. Mix for 4-5 minutes. Inject KOSTER Micro Grout 1C using suitable injection pumps and packers. Place the injection ports approx. 4 inches (10 cm) from each other on alternating sides along the crack, or directly into the void to be filled.

Coverage

Approx. 0.5 cubic ft per bag.

Cleaning

Clean tools immediately after use with water.

Packaging

IN 295 024 55 lb bag

Storage

Store the material in a dry place. In originally sealed packaging, it may be stored for 6 months.

Safety

Consult Safety Data Sheet. Wear gloves and goggles while handling and injecting material. When injecting material, make sure to protect the surrounding area from injection resin that may be discharged from

the wall, packers, or boreholes. Do not stand directly behind the packers during injection.

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 Mautrol Flex 2C	Art.-Nr. M 262 020
KOSTER Crisin 76 Concentrate	Art.-Nr. M 279
KOSTER Peristaltic Pump	Art.-Nr. W 978 001

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.