



KOSTER IN 2

Elastic polyurethane injection resin

Features

KOSTER IN 2 is a solvent-free polyurethane injection resin for crack injection. It is permanently elastic and allows permanent crack and joint sealing even in case of movement of the crack. It is a 2 component system. Once A and B components are mixed together, curing begins. Water is not needed for the reaction.

Technical Data

Mixed viscosity	Approx. 200 cps
Pot life, 70 °F	Approx. 30 min
Mixed density	Approx 9.18 lb/gal
Shore-D Hardness	25-35
Application temp.	Above 40 °F
Mix ratio, by weight (A:B)	5:3
Mix ratio, by volume (A:B)	2:1

Fields of Application

KOSTER IN 2 can be used with KOSTER IN 1 for the permanent, elastic sealing of water bearing cracks and joints in concrete, masonry, and for solidifying granular soils. It can be used without pre-injection of KOSTER IN 1 for sealing dry cracks, joints and voids. KOSTER IN 2 is used in cases where future movements of the building structure cannot be excluded.

Application

In case of active water flow in water bearing cracks, joints and voids, stop water by injection of KOSTER IN 1. Bring the material to 60 °F before mixing and injection. Temperatures above 80 °F will increase the reaction rate and reduce the pot life. Perform injection using a conventional single component injection pump such as the electrical KOSTER 1C Injection Pump. Prior to the injection, seal the cracks using KOSTER KB-Fix 5. Drill holes on alternating sides along the course of the crack at an interval of approx. 4 – 6 inches. Insert injection packers into the holes and (when possible) inject from bottom to top. The diameter of the drill holes depends on the injection packers chosen. After the removal of the injection packers, seal the drill holes with KOSTER KB-Fix 5.

Cleaning

Clean tools immediately after use with KOSTER KB-Pur Cleaner.

Packaging

IN 220 001	2.2 lb can
IN 220 008	1.56 gal combi-package
IN 220 012	12 x 2.2 lb can
IN 220 040	88 lb combipackage

Storage

Store the material between 50°F and 90°F. In originally sealed packaging, the material can be stored for 12 months.

Safety

Consult Safety Data Sheet. Wear protective gloves and goggles when processing the material. When carrying out injection work, protect the surrounding work area from injection resin that may be discharged from the wall, packers, drill holes, etc. 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 KB-FIX 5	Art.-Nr. C 515 015
KOSTER IN 1	Art.-Nr. IN 110
KOSTER KB-Pur Cleaner	Art.-Nr. IN 900 010
KOSTER Impact Packer 12	Art.-Nr. IN 903 001
KOSTER Superpacker	Art.-Nr. IN 915 001
KOSTER One-Day-Site Packer	Art.-Nr. IN 922 001
KOSTER 1C Injection Pump	Art.-Nr. IN 929 001
KOSTER Hand Pump	Art.-Nr. IN 953 002
KOSTER Footpump	Art.-Nr. IN 958 001

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.