



Krytol Repair Grout™

(Crystalline Concrete Waterproofing)

Product Code: K-510

DESCRIPTION

Krytol Repair Grout is specially formulated to repair leaking cracks, holes and joints in concrete using Kryton's proven Krytol technology. Krytol Repair Grout employs advanced fiber technology and shrinkage controlling additives to prevent cracking. The crystalline ingredients in Krytol Repair Grout combine chemically with water and concrete to form millions of needle-shaped crystals that grow in all directions to fill any capillary pores, cracks and joints that might otherwise allow water to pass. Krytol Repair Grout is used in conjunction with Krytol Plug to form a complete leak repair system.

FEATURES

- Crystalline waterproofing technology
- Simple and easy to use
- Non-shrink
- Crack resistant
- Color matches concrete

RECOMMENDED USES

Use in conjunction with Krytol Plug to repair any leaking crack, joint or other defect in concrete.

PHYSICAL PROPERTIES

Appearance	Gray powder with fiber additive
Bulk density g/cm ³ (lb. /cu. ft.)	1.3 (81)
pH (when mixed with water)	12

PLASTIC PROPERTIES

Working time (20°C, 50% RH)	30 minutes
Hardening time (20°C, 50% RH)	1 hour

HARDENED PROPERTIES

Hydrostatic head resistance	140 m (460 ft.)
Compressive strength (ASTM C109)	24 MPa (3480 psi) @ 24 hrs
	30 MPa (4351 psi) @ 7 days
	35 MPa (5076 psi) @ 28 days
	40 MPa (5801 psi) @ 56 days
Pull off Strength (ASTM C1583)	400 psi



COVERAGE

Material	Coverage
Krystol Repair Grout	1.6 kg per lineal meter (1 lb. per lineal foot)
	15m (55ft.) per 25 kg pail

APPLICATION

For detailed application instructions, applicator must follow Application Instruction 5.12 - Waterproofing Cracks, Holes and Joints before using this product. First, stop any flowing water with Krystol Plug. Mix Krystol Repair Grout to a dry putty consistency (approximately 4 parts of powder to 1 part clean water by volume) and pack the keyway. Additional powder may be used to produce a thicker grout suitable for vertical repairs. Protect the Grout application from damage by rain, rapid drying or freezing for at least 24 hours.

LIMITATIONS

Krystol Repair Grout is effective for rigid structures only and may not reliably seal crack or joints that experience variable loading or repeated movement. Consult a Kryton representative for project specific recommendations.

SAFETY

Read the Material Safety Data Sheet (MSDS) for this product. For professional use only. This product becomes caustic when mixed with water or perspiration. Avoid contact with skin or eyes. Avoid breathing dust. Wear long sleeves, safety goggles and impervious gloves.

PACKAGING

- 5 kg (11 lb.) resealable pails
- 25 kg (55 lb.) resealable pails

SHELF LIFE

Krystol Waterstop Grout has a minimum shelf life of 24 months for unopened pails, and 4 months for properly resealed pails

WARRANTY

Kryton International Inc. (Kryton) warrants that Kryton products are free from manufacturing defects and comply with the specifications given in their respective technical data sheet. Because conditions of use, such as site conditions, surface preparations, workmanship, concrete ingredients, weather, structural issues and other factors are beyond the control of Kryton, no warranty can be given as to the results of use. Purchaser agrees to seek the advice of qualified professionals and to determine for themselves the suitability of the products for their intended purpose and assumes all risks. Purchaser's sole remedy is limited to replacement of any product proven defective or at Kryton's option refund of the purchase price paid. THIS LIMITED WARRANTY CONTAINS THE ENTIRE OBLIGATION OF KRYTON. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. KRYTON SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. No representative of Kryton has the authority to make any representations or provision except as stated herein. Kryton reserves the right to change the properties of its products without notice.