



# Krystol Bari-Cote™

(Water Barrier for Repair of Concrete or Brick)

Product Code: K-315

## DESCRIPTION

Krystol Bari-Cote is a high-strength waterproof grout that is specially designed to repair leaking cracks, holes and joints. It is specially formulated with Kryton's proven Krystol® technology which combines chemically with water and concrete to form millions of needle-shaped crystals. These crystals grow in all directions to fill any capillary pores of the grout and surrounding concrete to block the passage of water.

## FEATURES

- High early strength
- Superior bonding ability
- Very high compressive and flexural strength
- Withstands hydrostatic pressure
- Contains no corrosive chemicals or metals
- Safe for contact with potable water
- Can be painted after curing

## KEY BENEFITS

- Fast and easy to use
- Permanently waterproof
- Increased durability decreases maintenance and repair costs
- Superior performance enhancing your reputation for high quality work
- Contains Krystol technology

## RECOMMENDED USES

Use as part of the Krystol Crack Repair System to:

- Repair leaking cracks, joints and holes
- Waterproof form tie holes in concrete walls
- Repair spalled or honeycombed concrete
- Use as a waterproof plaster on masonry walls

## PHYSICAL PROPERTIES

Appearance	Gray powder
Bulk density g/cm <sup>3</sup> (lb. /cu. ft.)	1.35 (84)
pH (when mixed with water)	12

## PLASTIC PROPERTIES

Working time (20°C/ 68°F, 50 % RH)	15 minutes
Hardening time (20°C/ 68°F, 50 % RH)	60 minutes

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### HARDENED PROPERTIES

Hydrostatic head resistance	140 m (460 ft.)
Compressive strength (ASTM C109)	8 MPa (1000 psi) @ 2 hours 24 MPa (3000 psi) @ 24 hours 50 MPa (7250 psi) @ 28 days

### APPLICATION

**Read and distribute Application Instructions 5.11 — Waterproofing Cracks, Holes and Joints, 5.31 — Waterproofing Tie Holes and Defective Concrete or 5.32 — Waterproofing Pipe Penetrations (Existing Construction) or 5.21 — Patching Defective Concrete as application before using this product.** Krystol Bari-Cote is mixed to a suitable putty consistency (approximately 4 parts powder to 1 part clean water by volume), and applied to the prepared surface using a trowel. Do not mix more than can be applied within 15 minutes. For deep patches or overlay applications thicker than 13 mm (0.5 in.) mix Krystol Bari-Cote with clean 10 mm (0.375 in.) pea gravel (approximately 4 parts powder to 1.5 parts gravel to 1 part clean water by volume).

### LIMITATIONS

Krystol Bari-Cote is effective for rigid structures only and is not intended for structures 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 Bari-Cote 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.