



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 ³ (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

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 (6500 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. warrants that its products are free from manufacturer's defects and, when applied in accordance with the current specification and application instructions will perform as so stated in its product literature. Because methods and conditions of use are beyond the control of Kryton, no guarantee, expressed or implied can be given as to the results of application. Liability of Kryton shall be limited to replacement of materials proved defective or, at its option, refund of the purchase price of the product.