

TECHNICAL DATA SHEET

Water Barrier for Repair of Concrete or Brick

1 of 2



BE SURE. BE KRYTON.

Krystol Bari-Cote™

Water Barrier for Repair of Concrete or Brick

DESCRIPTION

Krystol Bari-Cote™ is a high-strength waterproofing grout that is uniquely 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-like 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
- Waterproofs permanently
- Increased durability decreases maintenance and repair costs
- Superior performance enhances 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
- Repair spalled or honeycombed concrete



PHYSICAL PROPERTIES

Appearance	Gray Powder
Bulk Density g/cm ³	1.45
pH (when mixed with water)	13



Kryton Buildmat Co. Pvt. Ltd.

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PLASTIC PROPERTIES

Working Time (20°C/50% RH)	15 minute
Hardening Time(20°C/50% RH)	60 minute

HARDENED PROPERTIES

Hydrostatic Head Resistance	
Compressive Strength (ASTM C109)	2 hours - 8 MPa 48 hours - 20.7 Mpa 7 days - 20.7 MPa

APPLICATION

Mix Krystol Bari-Cote™ a suitable putty consistency (approximately 4 parts powder to 1 part clean water by volume) and apply 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

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

- 25 Kg resealable pails

SHELF LIFE

Krystol Bari -Cote™ has a shelf life of 2 years for unopened pails and 4 weeks for properly resealed pails.

WARRANTY

Kryton Buildmat Co. Pvt. Ltd. (A Unit of Kryton, Canada) warrants that its products are free from manufacturer's defects and, when applied in accordance with the current specification 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.

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