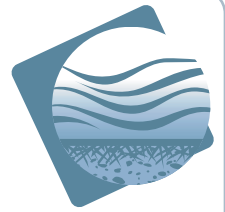




At the Lab. In the Field.
By Your Side.

KRYSTOL BARI-COTE™

WATER BARRIER FOR CONCRETE OR BRICK



CONCRETE
WATERPROOFING

Product Code: **K-315**

March 2005

QUESTIONS: 1-800-267-8280 or www.kryton.com

DESCRIPTION

Krytol Bari-Cote™ is a fast-setting waterproof grout that is specially designed to repair leaking cracks, holes and joints (see Technical Bulletin #101 and #102). Krytol Bari-Cote contains special ingredients that react chemically with concrete to form millions of needle-like hydration crystals. These crystals grow deep into the capillary pores of the grout and surrounding concrete to block the passage of water.

FEATURES

- Waterproof - contains Krytol™ Technology waterproofing compounds
- Contains no corrosive chemicals or metals
- Fast setting, high early strength
- Superior bonding ability
- Very high compressive and flexural strength
- Withstands hydrostatic pressure
- Safe for contact with potable water
- Can be painted after curing

RECOMMENDED USES

- Use Krytol Bari-cote to repair leaking cracks, joints and holes in concrete as per Technical Bulletin #101 and #102.
- Fill form-tie holes in concrete walls
- Repair spalled or honeycombed concrete
- Use as a waterproof plaster on masonry walls

PACKAGING

Krytol Bari-Cote is packaged in re-sealable plastic buckets.

Available sizes are:

- 11 lbs. (5kg)
- 55 lbs. (25kg)

PRECAUTIONS

- Krytol Bari-Cote contains Portland cement and becomes caustic when mixed with water or perspiration. Wear appropriate protective clothing and equipment, including impermeable gloves, long sleeves and safety goggles. Avoid breathing dust.
- See the material safety data sheet for additional safety information.

PHYSICAL PROPERTIES

Appearance	Dry Powder
Color	Gray
Working Time	30 minutes
Setting Time	60 minutes
Water pressure resistance	
(CRD C48-92)	200psi (1.38MPa)*

*Equal to 460 vertical feet (140m) head pressure

Compressive Strength

(ASTM C-109)	
2 hours:	1000 psi (7 MPa)
6 hours:	1600 psi (11 MPa)
24 hours:	3000 psi (21 MPa)
7 days:	4400 psi (30 Mpa)
28 days:	6500 psi (45 Mpa)

APPLICATION

For use as part of the Krytol Crack Repair system, refer to Technical Bulletin 101.

Concrete or brick surfaces must be sound and free of all contaminants. Surfaces to be treated must be pre-soaked with clean water to achieve a saturated/surface-dry (SSD) condition. Remove any surface water. Mix Krytol Bari-Cote to a suitable putty consistency - approximately 4 parts powder to 1 part clean water by volume (3.25:1 by mass). Use as little water as possible to prevent shrinkage and cracking. Apply using a trowel to the prepared surface. Note that Krytol Bari-Cote will develop significant heat from hydration as it hardens. Protect from rapid drying by misting with water. Apply to a maximum thickness of 0.5 inches (13mm). For thicker applications, mix Krytol Bari-Cote with clean 3/8ths pea gravel (10mm minus) in a ratio of 2 parts Bari-cote to one part gravel.

COVERAGE

- Approx. 12 cubic inches per pound (430 cm³ per kg)
- As a component of the crack repair system (see Technical Bulletin #101) a 55lb. (25kg) pail will complete approx. 100 lineal feet (30m) of crack.
- As a parge coat, one 55lb. (25kg) pail will cover approx. 38 square feet (3.6m²) at 1/8th inch thickness (3mm).

TECHNICAL DATA

The Kryton Group of Companies.

8280 Ross Street, Vancouver B.C. Canada V5X 4C6 Tel.: 1-604-324-8280 Toll Free: 1-800-267-8280 Fax: 1-604-324-8899 E-mail: info@kryton.com Web: www.kryton.com