



## Krystol Bari-Cote™

(Water Barrier for Concrete or Brick)

### DESCRIPTION

**Krystol Bari-Cote™** is a cement-based powder that when mixed with water produces a fast coating or grout. Krystol Bari-Cote™ contains organic chemicals that react chemically with concrete to form hydration crystals which will grow deep into the concrete to eliminate the ability of moisture to de-bond the coating. Krystol Bari-Cote™ has superior bonding characteristics that lock onto the substrate giving permanent adhesion making it an ideal material for repairing cracks and damaged areas in concrete and masonry.

### FEATURES

- Contains high-growth, organic Krystol Water proofing compounds
- Contains no corrosive chemicals
- Excellent for overhead repair
- Sets fast
- Superior bonding ability
- Very high strength
- Withstands hydrostatic pressure
- Safe for potable water
- Use as a coating or filler paste
- Can be over-coated

### PACKAGING

Krystol Bari-Cote™ is packaged in the following standard sizes:

- 25 Kg pails

### PRECAUTIONS

- Do not overwork
- Protect from rapid drying caused by heat or wind
- Krystol Bari-Cote™ has a high pH, when mixed with water. Use suitable protective clothing and eye protection. Please refer to the MSDS for more detailed information.

### PHYSICAL PROPERTIES

<b>Color</b>	Grey
<b>Texture</b>	Powder
<b>Working Time</b>	15 to 20 minutes
<b>Setting Time</b>	Initial 30 minutes
<b>Compressive Strength</b>	2 hours : 4.8 Mpa 48 hours : 20.7 Mpa 7 days : 43.4 Mpa 28 days : 46.2 Mpa
Water Pressure Resistance	50m+head
<b>Lineal changes</b>	24 hours : +0.21% 3 days : +.32% 7 days : +.32% 28 days : +.32%

### RECOMMENDED USES

- Crack repair, as shown in Krystol Specification No. 1 along with Krystol T1/T2™
- Honeycomb repair
- Tie holes and anchoring

### APPLICATION

Concrete or brick surfaces must be cleaned of all contaminants, loose or weak areas. Surfaces to be treated must be pre-soaked with clean water to a saturated surface dry (SSD) condition. Do not leave any standing water.

Mix Krystol Bari-Cote™ to a suitable putty consistency (3.5 parts powder to 1 part clean water). Apply with brush, trowel or by pouring into surface to be filled.

**Overhead work (non sag)** : 3.5 parts powder  
1 part water

**Pour or brush (pourable)** : 5 parts of powder  
2 parts water

### COVERAGE

- 1 Kg will fill 430 cm<sup>3</sup> when used as a grout
- 1.5. Kg per square meter when used as a coating