

# K CRETE BA

## Co - Acrylic Polymer Compound



### Description :

K CRETE BA is a highly specialized co-acrylic polymeric compound designed for use with cement compositions. It is used in mortar and concrete as an admixture to increase resistance to ingress of moisture/water, wear resistance and durable material. It is used with cement as a reliable water-resistant bonding agent.

### Benefits :

- Increases durability and toughness.
- High resistance to water penetration.
- Good abrasion resistance.
- Good frost resistance and resistance to salt permeation.
- Early strength gain.
- Improves flexibility
- Increases tensile strength.
- Reduced shrinkage.
- Prevents bleeding
- Good resistance to many chemicals as well as mineral oil.
- Excellent adhesion to steel and concrete.
- Sticks well to brick, glass asphalt, wood, expanded polystyrene and most building materials.
- Prolonged corrosion protection.
- Proven performance.
- Similar thermal expansion and modulus properties to concrete (unlike resin mortars and primers).
- More user friendly & Non-toxic.
- Can be used with potable water
- More economical than epoxy or polyester resin mortar.



### Uses :

Concrete repair. Floor screeds and toppings. External rendering. Waterproofing and in tanks. Fixing brick slips and tiles. Protection of steel from corrosion. For modifying the properties of cement mortar and cement concrete for specialized application. Gives good bonding strength between steel and cement.

### Packing :

K CRETE BA supplied in 200ml, 1 ltr., 5 ltr., 10 ltr., 50 ltr, and 100 ltr containers.

### Dosage & Packing :

Coverage of K CRETE BA is approx 6-8m<sup>2</sup> liter. Depending on substrate for waterproofing. As regards to concrete repairs 200ml/50 kg bag of cement should be mixed.

### Typical Applications :

12 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

### Technical Services :

While new advances and changes will take place one thing will never change is quality and meeting special needs of customer. We are eager to work with you in development of new product and solve your problem.



### Shelf Life :

36 months. Should be stored under shed below 500c.

### Typical Properties :

Compressive strength : Up to 60 N/mm<sup>2</sup> depends on cement used and workability ; Tensile strength : Up to 5.0 N/mm<sup>2</sup> depends on cement used and workability ; Flexural strength : Up to 10N/mm<sup>2</sup> depends on cement used and workability ; Freeze thaw resistance : Excellent ; Water vapor permeability : Less than 4 gm/m<sup>2</sup>/24 hr., Through 11mm thick test piece ; Adhesion : Excellent to concrete, steel, brick etc. : Solid content: 52% : Chemical Resistance : Resists mild acids, alkalis, sulphates, chlorides, urine, dung, lactic acid, sugar, etc.; Shrinkage During Cure: 0.01% to 0.02% Chloride/sulphate /Nitrate/Thiosulphate content : Nil.

### Note :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.