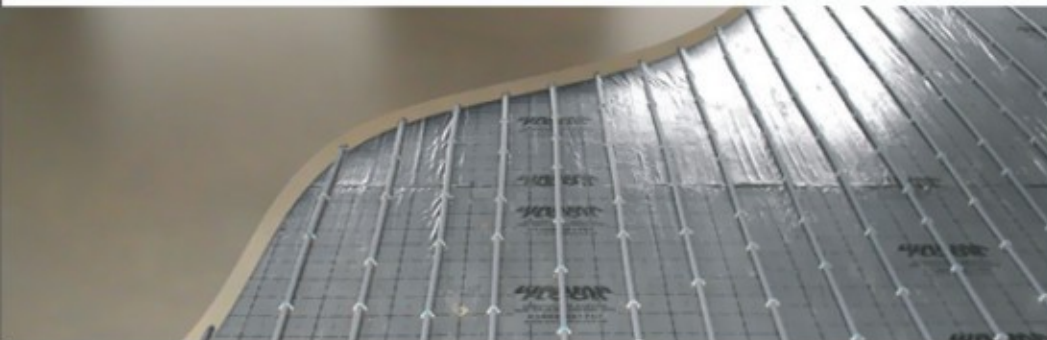


K BOND SBL

Acrylic Polymer Based Bonding & Waterproofing Compound



Description :

K BOND SBL is a milky white water based dispersion of an acrylic co-polymer. The resulting product used as an admixture will improve the mechanical, chemical and water resistance properties of cementitious screeds and repair mortars.

Uses :

K BOND SBL may also be used as a bonding medium for placing cementitious mortar and concrete mixes onto concrete, masonry and brick substrates. KBOND SBL is a single pack product supplied in plastic containers ready for site use. It can be used as a waterproofing in tank. It can be used external rendering. KBOND SBL to be used Bonding of cementitious screeds, Floor screeds and repairs.



Advantages :

- Increases durability and toughness
- Good abrasion resistance
- High resistance to water penetration
- Excellent adhesion to reinforcement & concrete
- Improved chemical resistance
- Increase flexural and tensile strength comparable to that of concrete



Properties :

COMPRESSIVE STRENGTH : Up to 60 N/mm² depends on cement used and workability

TENSILE STRENGTH : Up to 5.0 N/mm² depends on cement used and workability

FLEXURAL STRENGTH : Up to 10 N/mm depends on cement used and workability

FREEZE THAW RESISTANCE : Excellent

WATER VAPOR PERMEABILITY : Less than 4 gm/m /24hr., Through 11 mm thick test piece

ADHESION : Excellent to concrete, steel, brick etc.

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

Application Instructions :

SURFACE PREPARATION:

All surfaces must be free from oil, dirt, grease and loosely adhering materials. Chip off all loose concrete until reach to sound and clean reinforcements with wire brush to remove loose scales. Clean with jet of water to remove loose particles, dust etc.

APPLICATION:

Mixing and Application of the Cementitious Topping

Two mix designs are given below:

Mix 1 Repair mortar with improved the mechanical, chemical and water resistance properties.

Portland cement 50 kg

Type M sand 150 kg

KBOND SBL 10 litres

Water 10 litres (small extra addition of water may be made to obtain desired workability)

Typical application thickness 10 mm to 20 mm

MIXING AND APPLICATION OF THE CEMENTITIOUS TOPPING:

Mix 2 for floor patch repair mortar.

Portland cement 50 kg

Type M sand 75 kg

6mm aggregate 75 kg

KBOND SBL 12 litres

Water 10 litres (small extra addition of water may be made to obtain desired workability)

Typical application thickness 20 mm to 40 mm

Mix 1 and Mix 2 sand quantities calculated as dry sand. For wet sand use, increase sand weight by moisture content. Take care to reduce added water.

Packing & Coverage :

KBOND SBL is supplied in 1 ltr, 5 ltr., 50 ltr., 100 ltr., and 200 ltr.

Coverage 6 to 8 m² per litre. As a bonding agent.

Shelf Life :

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

Health & Safety :

KBOND SBL is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.



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.