

# brix bond latex 410

## DESCRIPTION

It is polymer based on styrene butadiene rubber, specially formulated for use with cement formulations.

## USES

For structural rehabilitations.  
For waterproofing treatment.  
For floor, screeds & topping.  
For concrete repairs.

## ADVANTAGES

Advantages of brix bond latex system.  
Excellent adhesive to reinforcement & concrete.  
Increased flexural strength.  
Increased tensile strength.  
Compressive strength comparable to that of concrete.  
Reduced shrinkage.  
Reduced water permeability.  
Improved chemical resistance.

## TYPICAL PROPERTIES

For brix bond latex & modified mortar.

### Typical Values

Ph : 9.5  
Specific gravity : 1.01  
Freeze thaw stability : With stands at least 5 freeze thaw cycles, but storage in covered areas above 0°C recommended.

Stabilisation	Non-ionic
Anti Oxidant	Yes
Bactericide	Yes
Antifoam	Yes
Minimum film forming temperature	About 1°C

## DIRECTIONS FOR USE

for structural repairs and rehabilitation of concrete structures.

Reach the sound concrete and clean reinforcements with wire brush to remove loose scales.

Clean with jet of water to remove loose particles, dust etc.,

Apply passivator coat: 1 part cement: 1 part brix bond latex, coat on cleaned reinforcement and allow it to dry for 2-3 hours.

**Coverage** : 7 to 8m<sup>2</sup> of reinforcement area per litre of brix bond latex.

Apply BOND COAT - 1 Part cement 1 part brix bond latex on entire surface that is to receive subsequent brix bond latex modified mortar.

**Coverage** : 2 to 3m<sup>2</sup> per litre of brix bond latex.

Prepare polymer modified mortar : Cement 50 kg, 125kg zone II sand, 1- litre brix BOND LATEX, Water 5 to 7 litre. Apply this by hand pressing over tacky bond coat.

Yield is 0.1m<sup>3</sup> Above mix cover 10m<sup>3</sup> area at 10mm thickness.

### **CURING**

Moisture cure for 24 hours then allow drying out slowly.

### **WATCH POINT**

1. Do not mix more mortar than can be used within 25 minutes.
2. Provide mortar thickness of about 10mm to 15mm absolute thickness of repair mortar over inforcement.
3. Do not add more water than recommended.

### **PACKING**

1 Litre, 5 litre, 20 litre packing.

### **HEALTH & SAFETY**

Use of rubber gloves, for hand pressing of brix bond latex mortar recommended.

### **SHELF LIFE**

24 months if stored in manufacturer's sealed packs in a cool and dry place away from moisture and heat. Agitate before use after prolonged storage.

### **QUALITY ASSURANCE**

**brix** products are manufactured under strict quality control measures as per manufacturing specifications. If the behavior of the product is varying from the claims in the data sheets stop the use of the product and contact the nearest **brix** representative.