

# QBOND

## Acrylic bonding Agent

### DESCRIPTION

QBOND is a single component multi purpose acrylic based bonding agent with special additives. It can also be used as a waterproof membrane for chajjas, terraces, balconies, roof slabs and under tile areas. It accommodates limited crack movement in underlying surfaces. It has very good bonding property, it becomes part of the structure.

### FEATURES

- Superior bonding over porous and non porous surfaces.
- It improves flexural, bond strength and impact resistance of mortar
- Suitable for general concrete repairs.
- Excellent resistance to chloride ions.
- Effective film formation even in low temperature areas.
- It can be used for protection of concrete against corrosion, efflorescence etc.

### APPLICATION AREAS

- QBOND can be used for bonding of old and new surface.
- It can be used as waterproofing admixture for cementitious coatings.
- Water proofing of roofs, under tiles areas, basements, toilets, terraces, swimming pools, etc.
- For fixing tiles in water retaining structures.

### APPLICATION INSTRUCTIONS

**SURFACE PREPARATION** - Fresh masonry or concrete surface must be allowed to cure for at least 14 days. Concrete must be clean and rough. All oil, grease, dirt, debris, paint and unsound concrete must be removed. All cracks >1mm should be filled with suitable crack fillers.

**BONDING PRIMER** - To use as a bonding primer coat over non porous substrate, mix QBOND with clean potable water in the ratio 1:1 by weight. Apply one continuous coat with brush or roller on the substrate. Ensure to apply the requisite topcoat when the primer coat is still tacky.

**CEMENT MORTAR** : A suitable mix ratio for patching repair mortar is Portland cement: 50 kg, Quartz sand: 150 kg, QBOND 10 kg and water: 10 ltrs. Mix it thoroughly using a paddle mixer.

**WATERPROOF SLURRY** : Mix QBOND with water and Portland cement in the ratio of 1 part QBOND : 0.5 part water : 2 part Cement using slow speed mixer to produce lump free homogeneous slurry. On damp surface, apply the first coat using brush or roller in one direction. Minimum 2-3 coats are recommended depending on the nature of the surface. Clean tools and equipments with fresh water before the material hardens.

## ● PRECAUTIONS

- Shake the container well before use.
- Surface should be damp but not saturated
- Proper curing is required.
- Employ cold weather or hot weather practices as the temperature dictates.
- Do not use material at temperatures that may cause premature freezing.

## ● TECHNICAL INFORMATION

APPEARANCE	Milky white
SOLIDS CONTENT BY WEIGHT	33 ± 2% (ASTM- D 1475 – 03)
pH @ 50% dilution	7.5 - 8
SPECIFIC GRAVITY @ 25°C	1.02
BROOKFIELD VISCOSITY @ 25°C	10000 – 15000 cps

## ● SHELF LIFE AND STORAGE

This product has a minimum shelf life of 18 months in unopened container and when stored under normal temperature. It should be protected from extreme temperature and preferably stored in shade.

## ● PACKING

QBOND is packed in 1 kg & 20 kg Containers.

## ● HEALTH AND SAFETY

QBOND is safe, non toxic, eco-friendly and presents no health hazards. As with all chemicals caution should always be exercised. Protective clothing such as gloves and goggles etc. to be worn. INHALATION of vapour or mist should be avoided. In case of EYE CONTACT flush with large amount of clean water and seek medical advice. For SKIN CONTACT, clean with water and soap until all traces have been removed. In case of INGESTION, drink plenty of water and seek medical attention immediately.

**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 do not have any control over the site conditions or its uses.

Marketed by:  
**Polyproof Construction Chemicals**  
MUMBAI



Manufactured by:



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