

## QBITEC

### Highly Elastomeric Rubberised Coating

#### DESCRIPTION

**QBITEC** is a single component, cold applied highly elastomeric liquid membrane. It is a blend of synthetic resins, selected minerals and water repelling fillers. It is a protective and high performance waterproof coating that dries to a tough, impermeable waterproof membrane.

#### FEATURES

- It is a highly elastic coating that cures to a rubberized membrane.
- Forms seamless, impervious and joint free waterproof membrane over the substrate.
- Provides an impervious waterproofing membrane that protects concrete structure and brick foundations against chloride and sulphate ions.
- Life and durability of the structure is increased
- Corrosion resistant and vapour barrier.

#### APPLICATION AREAS

- Waterproofing of roof slabs, basement, sunken areas, balconies, sun shades, parapet walls, decks, rigid polyurethane foams etc.
- Suitable for horizontal and vertical surfaces.
- Protective cum waterproof coating over bitumen membranes, Asbestos and G.I sheets, brick foundations, retaining walls etc.
- Waterproofing of new surfaces as well as for repair of old surfaces, whether previously treated or not.

#### METHOD OF APPLICATION

**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. In case of metal surfaces, remove rust and contamination for better protection. Apply primer coat of **QBITEC**, diluting 1 kg with 1 ltr potable water, by brush, roller or spray. After the primer coat is **QBITEC**, diluting 1 kg with 1 ltr potable water, by brush, roller or spray. After the primer coat is completely dried, apply two coats of **QBITEC**. It is recommended to apply the 2<sup>nd</sup> coat perpendicularly and after the 1<sup>st</sup> coat is totally cured. For better results, **Glass Fibre Mesh/ cloth** can be embedded in between the 2 coats. **QBITEC** could be diluted up till 20 – 30 % to make the material workable. All brushes and tools should be cleaned by water immediately after use.

#### COVERAGE

Coverage depends upon the nature of the surface to be treated. But on an average a concrete surface would give coverage of 3 - 4 sq.mt. / kg. / coat and metallic surface would give coverage of around 4 - 6 sq.mt. / kg. / coat.

## ● TECHNICAL INFORMATION

COLOR	BROWNISH BLACK LIQUID TURNS TO BLACK ON DRYING
SOLIDS CONTENT BY WEIGHT	55 ± 2% (ASTM- D 1475 – 03)
SPECIFIC GRAVITY	1 to 1.10 ( ASTM-D 244)
ELONGATION @ BREAK	>1000% ( ASTM- D522- 93a)
SOFTENING POINT	Upto 110°C, If exposed to direct sunlight
BONDING STRENGTH	3.2 kg / Sq.cm.

## ● SHELF LIFE AND STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C. Do not apply when the air temperature is below 5°C or if there is a threat of rain

## ● PACKING

QBITEC is packed in 20 Kg. & 50 Kg. plastic Containers.

## ● HEALTH AND SAFETY

QBITEC is safe, 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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