

ABOUT US

Baral Chemical Company Ltd is the leading and only local manufacturer of building and any other construction oriented chemicals and materials with extraordinary properties which are claimed better ones in comparison with respective field. Manufacturer of various types of building & Construction chemicals such as anti-salinity sealer, concrete admixtures with excellence, cementitious-grouting for concrete-joints, heat reducing & water proofing roof ,damp and water proofing liquid felt, cementitious alloy for water leakage, rust remover ,pest controlling products and any other constructional problem solving products which are truly for sound construction and healthy environment. Our Research & Development Department (R&D) has been analyzing, improving and adapting new invented technologies since 1986 to provide quality services for our honorable clients.

High Strength Highly-Liquefied Constructional Epoxy

(Type A & B)

Description of Item

High Strength Highly Liquefied Constructional Epoxy is applied for active anti-corrosive and anti-rust protection of iron and steel surfaces that are to be coated with epoxy systems. It is extremely hard and resistant to friction. It is particularly resistant to diluted acids, alkalis, petroleum products, to some solvents, water, sea water etc. Typical examples of use are the protection of silos, steel bridges, iron roofs, pipes, fences etc.

Usages Area

Its strongly recommended for any structural cracks, exposed iron & steel surface as anti-rust: exposed corroded & rusted reinforcement: floor surface.

Technical Data	
Appearance	Two type A & B. Type-A is light redish and Type-B is white in colour.
Specific Gravity	1.07±0.01 at 20 ° C
pH value	4.5±0.01

Support

Providing technical support and service on specify dosages, chemical mixing, application method and by perfect supervision

Advantage

- Anti-corrosive
- Rust Protector
- Resistant to diluted acids, alkalis, petroleum products
- Protects from solvents water, sea-waters, etc.
- Very good adhesion to moist substrates
- Does not act as a barrier between steel and concrete
- High coverage rate and easy to use
- Can be applied by brush

APPLICATION

Substrate preparation

The substrate must be dry, stable and free of anything which would hinder bonding, such as dust, loose particles, grease, rust or any kind of corrosion and Depending on the nature of the substrate, it should be prepared by brushing, rubbing down, sand blasting, etc. and then thoroughly cleaned from dust.

Health & Safety

No hazards and not inflammable (Tested by BCSIR)
No health hazards and environment friendly (Tested by BCSIR)
Safe to handles and non- hazardous (Tested by BUET)
If spread in mouth or eyes, wash by much water; before taking food, hands should be washed out properly with soap or detergent.

Mixing

Components A and B are packed in two separate containers, having the correct predetermined mixing proportion by proportion. The used quantity of component A is added into component B.

Mixing

High Strength Highly Liquefied Constructional Epoxy should be applied to the steel or rebar as soon as possible after the material is mixed and within its port life. In concrete repair situations ensure that the rebar is coated all around. If the coating is broken, re-apply a second coat after the first coat is dry (between 30 and 60 minutes). It is applied with brush, roller or spray gun. The second coat is applied once the first one is dry

Package

1 Liter bottle and bulk supply

Storage

High Strength Highly Liquefied Constructional Epoxy has a minimum self live of 6 months provided temperature is keep within the range 10 ° C - 45 ° C. in normal & dry place.

Our Recognition

Performance Test Report of our Products , Certified by BUET
ISO 9001-2008
Certificate from Dept. Of Architecture, Govt. of the People's Republic of Bangladesh
Certificate from BCSIR
Certificate from BRITISH Council
Citification by The Institution of Engineers , Chittagong Centre
Certification by National Museum, Bangladesh
Publications in Bangladesh Gazette
Certification from Asiatic Society of Bangladesh

