

TECSY CORRO-INHIBIT

(Corrosion Inhibiting Admixture)

Description

TECSY CORRO-INHIBIT is a bipolar corrosion inhibiting admixture in liquid form for reinforced concrete and mortar. It provides outstanding resistance against corrosion of rebars.

BENEFITES

Using TECSY CORRO-INHIBIT the anodic and cathodic reaction of the electrochemical corrosion process is being influenced. The product forms a film on the steel surface, which delays the onset of corrosion and reduces the rate of corrosion. The following advantages also can be achieved

- Acts as corrosion protection for embedded reinforcing steel especially from the influences of chloride effects.
- Protects concrete from the destructive influences of reinforcement corrosion.
- Do not have any negative influences on the properties of fresh and hardened concrete.
- It is a combination of organic corrosion inhibitors.

STANDARDS

TECSY CORRO-INHIBIT conforms to IS: 9103-2007 and ASTM C-494-2010(Type-D).

SPECIFICATIONS:

Appearance	:	Clear to Light Yellow Liquid
pH value	:	10 ± 2
Specific Gravity	:	0.98 ± 0.02
Solubility	:	Water soluble

METHOD OF APPLICATION

- TECSY CORRO-INHIBIT can be used in reinforced concrete subjected to aggressive corrosive environment specifically in Chloride induced corrosion. It is very suitable for concrete in foundation sub-structures, Bridges, Tunnels, Retaining Walls, Industrial Plants, Park decks in multistoried car parks etc.
- TECSY CORRO-INHIBIT can be mixed with the gauging water or added directly in the concrete mixer with other admixtures. It may also be added to the concrete in the transit mixer at the point of discharge. In this case, an additional mixing time of at least 1-minute per m³ of concrete must be observed to achieve uniform consistency. It should not be introduced with dry cement.
- The relevant dosage rate of TECSY CORRO-INHIBIT should be defined based on preliminary concrete trials and the characteristics of the environment.
- Usual dosage range: between 1 and 3% of cement weight.

PRECAUTION:

It is advised to wear goggles and rubber gloves during application of TECSY CORRO-INHIBIT. In contact with skin, wash with soap water. In contact with eyes or mucous membranes flush immediately with plenty of warm water and seek medical attention without delay.

STORAGE AND SHELF LIFE

To be stored away from heat and frost. Best before 12 months from the date of manufacture.

PACKING

5 kg, 20 kg, 50 kg, 200 kg and bulk packing on request

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