

CORRO GUARD- TABLET (Tablet Based Bipolar Corrosion Inhibitor)

Description:

Corro Guard- Tablet is bipolar corrosion inhibitor. Designed to protect metal surfaces & reinforcement bar from corrosion and enhance the concrete durability, when inserted in concrete structure it vaporizes and form an ionic layer over steel bar & push the negative charged ions from the metal surface like hydroxides, chlorides, sulphates, etc. so that it can stop the generation of anode and cathode on steel surfaces.

Application:

- In repair and rehabilitation of concrete structures.
- Prevent corrosion to the embedded steel of columns, beams, slabs.
- Rehabilitation of industrial units like cooling towers, jetty's, chimneys.
- Marine structures, tunnels.

Advantages:

- Prevents corrosion and rust, reducing maintenance and repair costs.
- Small, tablet form for easy placement in tight spaces.
- Soluble in water, releasing a corrosion-inhibiting vapor.
- Non-toxic, non-flammable, and environmentally friendly.
- Effective in humid and dry environments.

Technical Data:

Property	Value
Color	White
Solubility	100% in water
PH	12-14
Vapor pressure	10-20 mm HG
Type	Bipolar corrosion inhibitor
Corrosion reduction by Tafel polarization	>80%
Smell	Ammonical
Protection Distance	Up to 0.8 mtr from tablet location
Shelf life	12 months in a sealed pack

Method of application:

Drill 20 mm holes into the concrete to a depth of 40 mm and insert the Corro Guard -Tablet into it & seal it with cementitious mortar.

Safety Precautions:

Wear Hand Gloves and mask during application of product. Avoid contact with the eyes and skin. Avoid breathing vapors.

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