

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.

AREAS OF 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 SPECIFICATIONS:

Sr. No	Property	Value
1	Colour	White
2	Solubility	100 % in water
3	PH	12
4	Type	Bipolar corrosion inhibitor
5	Corrosion reduction by tafel polarization	>80 %
6	Smell	Ammonical
7	Protection distance	Up to 0.8 mtr from tablet location

INSTALLATION METHOD:

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.

- For columns & beams It requires 2 tablets in 1.5 running mtr in opposite phases.
- For slabs it requires 3 tablets in 1 sq. mtr area.

STORAGE & SHELF LIFE:

12 months in a sealed pack

PACKAGING:

50 Tablets per box

SAFETY PRECAUTIONS:

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

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