

POLYALK CP 113

CONCRETE PENETRATING CORROSION INHIBITOR

DESCRIPTION

POLYALK CP 113 is concrete penetrating corrosion inhibitor, which works on the principle of bipolar inhibition mechanism. It inhibits corrosion of rebars simultaneously at cathode and anodes. It has a high vapor pressure and affinity for metal and penetrates through dense concrete and deposits on rusted rebars. The unimolecular film formed on the surface of steel prevents further attack of chlorides or oxygen thus arresting corrosion process.

USES

- RCC structures and steel structures which are exposed to corrosive atmospheres like bridges, docks, jetties etc. in marine environment.

ADVANTAGES

- Simultaneous cathodic and anodic protection of steel.
- Penetrates deeply. Hence, protects rebars from all sides.
- Extends the effectiveness and durability of RCC repairs.
- Effective even in presence of high amount of chlorides.
- Alkaline in nature, eco friendly, nitrite and chromate free.

INSRUCTIONS FOR USE

- With a stiff wire brush, clean the rusted surface thoroughly of any loosely held rust particles scales etc.
- Spray POLYALK CP 113 on the cleaned surface of steel and the concrete in its vicinity. Ensure that no area is left uncovered.
- After about 15 minutes wipe the steel and concrete surface with moist cloth to remove any residual material.
- Apply the bond coat followed by polymer modified mortar in usual manner.
- Clean all equipments immediately with water.

PROPERTIES

Appearance	pH	Sp. Gravity at R.T
Pale yellow liquid	8-10	0.9 to 1.1

COVERAGE

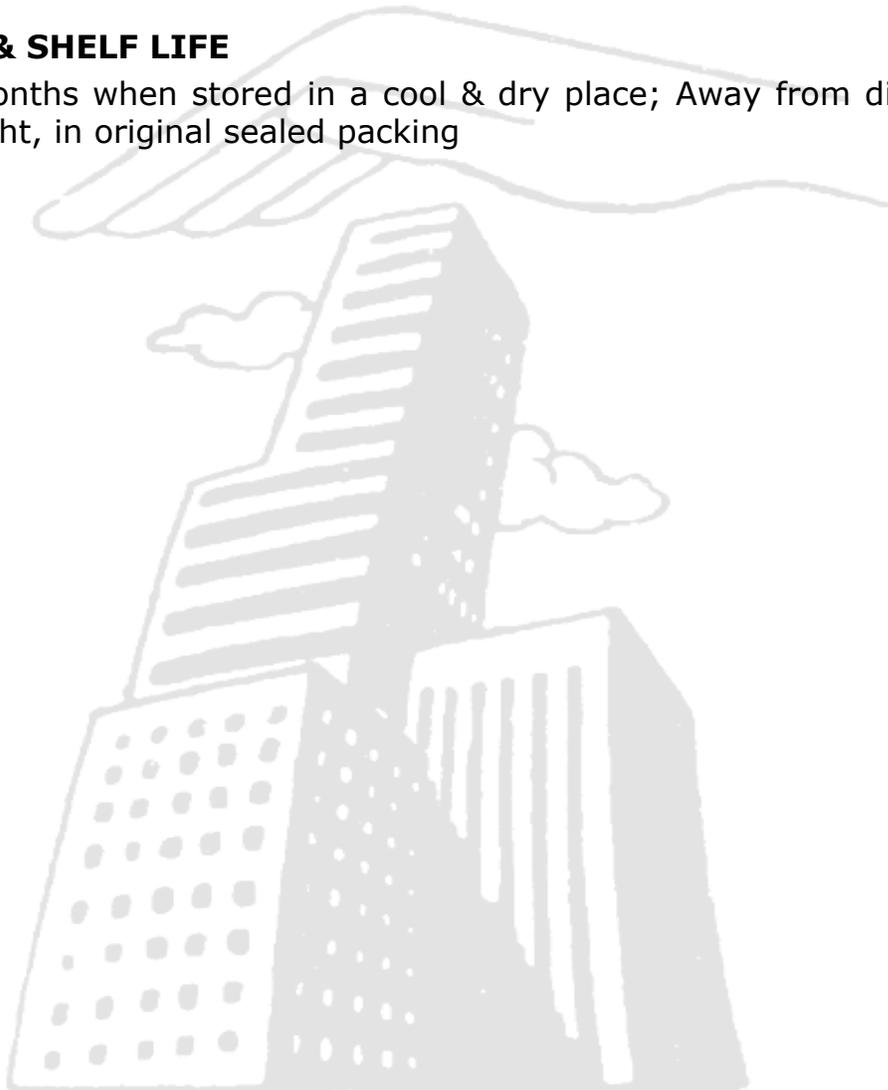
- Average 4 M²/Kg.

PACKING

- 1,5, 20 Kg

STORAGE & SHELF LIFE

- 12 months when stored in a cool & dry place; Away from direct sunlight, in original sealed packing



DISCLAIMER

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