

POLYALK CP 293

Bipolar Concrete Penetrating Corrosion Inhibiting Admixture

DESCRIPTION

POLYALK- CP 293 is a bipolar concrete penetrating corrosion inhibiting admixture that protects rebars from corrosion induced by chloride ions as well as due to carbonation of concrete. It forms a unimolecular protective layer on the surface of steel thereby inhibiting corrosion.

APPLICATIONS

1. Steel reinforced concrete in or near marine environment
2. Piers, piles, and concrete dock structures
3. RCC structures exposed to corrosive environments
4. Bridges, highways, chlorinating plants, sewerage systems
5. Building facades and balconies

ADVANTAGES

1. Simultaneous cathodic and anodic protection of steel
2. High penetrating power resulting in total protection of rebars
3. No adverse effect on properties of hardened concrete
4. Effective even in presence of high amount of chlorides
5. Eco-friendly, nitrite and chromate free.
6. Alkaline in nature.

DIRECTIONS FOR USE

POLYALK- CP 293 is used as an admixture. It is added to the batch water during mixing of cement, sand and aggregates. It may be added to ready mix truck at the concrete plant or at a job site. It is compatible with other **SUNANDA admixtures** but should be added separately.

TECHNICAL DETAILS

Appearance : Light brown coloured liquid
pH : 9.5 minimum
Specific Gravity : 1.04 at 27°C

DOSAGE

2 to 3 kgs per cubic meter of concrete

PACKING

20, 200 kgs HDPE drums.

STORAGE & SHELF LIFE

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

HAZARDS IDENTIFICATION

Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

FIRST AID MEASURES

1. Skin contact: Immediately wash thoroughly with soap and water.
2. Inhalation: Remove to open air. Seek medical attention.
3. Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.
4. Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

ACCIDENTAL RELEASE MEASURES

Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials. Dispose the waste water/absorbent material in accordance with local regulations.

QUALITY ASSURANCE

All products are manufactured under a Quality Management System for Design, Manufacturing and Selling of Construction Chemicals as per the standards of ISO 9001 : 2008

DISCLAIMER

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, SSCPL has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.