

Armix CI- Bipolar

(Formerly known as MYK Savemix CI- Bipolar)

Bipolar Concrete Penetrating Corrosion Inhibiting Admixture



TECHNICAL DATA SHEET

Product Description

Armix CI- Bipolar is a bipolar corrosion inhibiting liquid concrete admixture for use in reinforced concrete and mortar. It acts as a corrosion inhibitor for the steel reinforcement. By using Armix CI- Bipolar, the life expectancy and durability will be substantially.

Uses

Armix CI- Bipolar is used in all types of sub grade Concrete structures like piling works, basements retaining and diaphragm walls, all RCC structures in marine/ coastal areas, bridges, sewage treatment plants, water retaining structures, etc.

Features and Benefits

By using Armix CI- Bipolar- both the anodic and cathodic reactions of the electrochemical corrosion process are reduced. The product forms a film on the steel surface which delays the onset of corrosion and also reduces the rate of corrosion.

Armix CI- Bipolar is a combination of organic corrosion inhibitors.

The following advantages can be achieved using Armix CI-Bipolar:

Corrosion protection for embedded reinforcing steel, especially from chloride attack .

Protection from the destructive influences of reinforcement corrosion .

No negative influences on the properties of both the fresh and the hardened.

Armix CI- Bipolar is neutral to hydrogen embrittlement of prestressed steel i.e. it neither enhances nor limits hydrogen embrittlement of prestressing steel.

Application Methodology

Armix CI- Bipolar is mixed with the gauging water or added at the same time into the concrete mixer. 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 concrete must be observed. Before discharging it, check the concrete visually for uniform consistency.

Armix CI- Bipolar is not to be mixed with dry cement.



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Technical Data

Active Ingredients	Modified Amino Alcohol
Colour	Clear to Light Bluish Liquid
Components	One
Density	1.0 to 1.1 kg/l @ 25°C

Dosage:

Recommended dosage: 0.5 - 3% by weight of cement /binder depending upon the severity of the corrosion environment.

Packaging

20 Kg and 200 Kg drum

Shelf Life

12 months from date of production if stored properly in undamaged and unopened original sealed containers at temperatures between +10°C and + 40°C. Protected from direct sunlight and frost

Product Categories Available



Legal Note

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