

## Corrosion inhibitor solution

### PRODUCT

**Admix CIS** is an effective liquid corrosion inhibitor based on calcium nitrite specially designed to protect the reinforcing steel in concrete. It inhibits chemically the corrosion process by reacting with chloride ions to prevent the last to attack the steel. It functions as an anodic corrosion inhibitor; it reacts with the defective ferrous oxide ions and converts it to more stable ferric ions less sensitive to corrosion. It delays the corrosion process by repassivating deficiency on the steel surface.

**Admix CIS** is compatible with all Portland cement and usual plasticizer and super-plasticizer admixtures. It doesn't affect the air entrainment.

### SCOPE OF USE

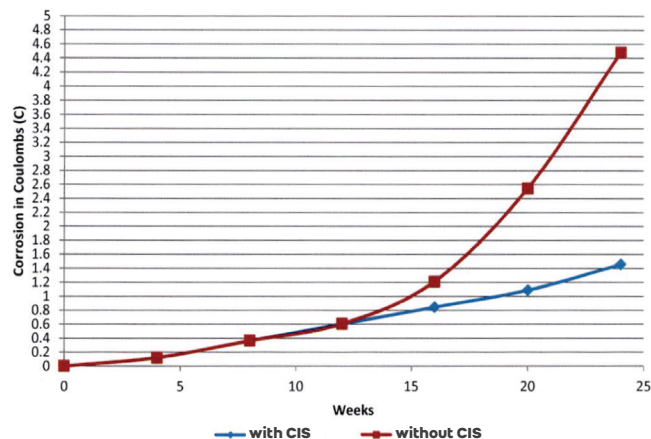
- **Admix CIS** is used in concrete for parking structures, marine structures, bridges and balconies where chloride salts are presents.
- It is recommended also for streets and highways exposed to corrosive environments, and for restoration and repair of all reinforced concrete.

### CHARACTERISTICS

|                      |                     |
|----------------------|---------------------|
| Appearance           | Liquid              |
| Color                | yellowish           |
| Density              | 1.20 - 1.28 kg/lit. |
| Non Volatile content | min 30 %            |

### APPLICABLE STANDARDS

Conforms to ASTM G 109



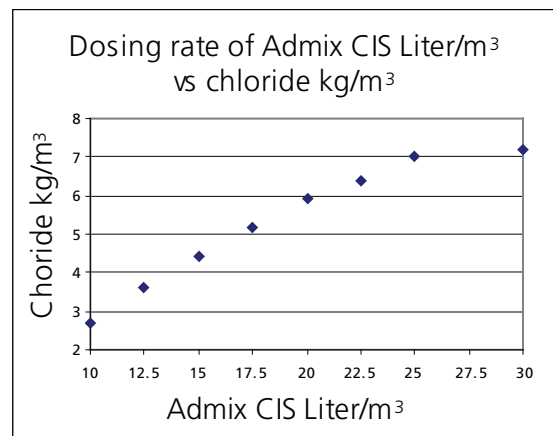
### INSTRUCTIONS FOR USE

**Admix CIS** is a ready to use admixture to be added to concrete at the ready-mix plant, directly to the ready-mix truck drum, to portable mixers, or directly into repair mortars.

It is recommended to mix concrete and mortar thoroughly.

### DOSAGE RATES

The dosage range is from 5 to 30 liter/m<sup>3</sup> and it is directly related to expected chloride concentration.



if other admixtures are to be used in concrete containing **Admix CIS**, they must be dispensed separately

### PACKAGING

**Admix CIS** is supplied in 20 liters pails, 200 liter drums and 1000 liters totes.

### STORAGE

Can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures.

### HEALTH & SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation. In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention.

## QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

## DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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