

FERROCARE LCI

Bipolar Corrosion Inhibiting Liquid Concrete Admixture for RCC & Structural Grade Mortars

TECHNICAL DATA SHEET

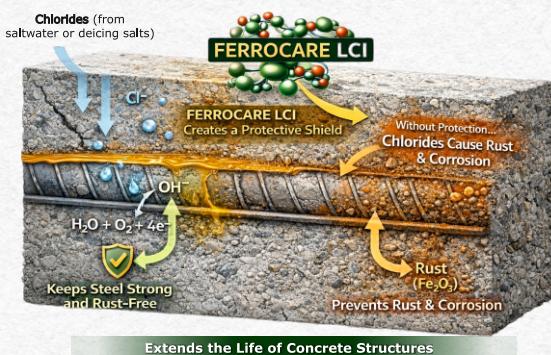
DESCRIPTION:

Ready-to-use liquid admixture which, when added to the mix at a defined dosage, results in reduction of electro-chemical corrosion for both anodic and cathodic reactions, by formation of film on embedded steel and thus delaying the onset of corrosion

TECHNICAL SPECIFICATIONS:

PARAMETER	TYPICAL VALUE
Appearance	Brownish Low Viscous Liquid
Specific Gravity @25°C	1.030 ± 0.030
pH	9.50 ± 0.50
Conforms to	ASTM G-109

How FERROCARE LCI Protects Steel in Concrete



Features & Benefits

- Protects against corrosion of embedded reinforcement steel, even in high chloride exposure conditions
- Non-toxic, eco-friendly.
- Does not affect or alter the strength and other mechanical properties of concrete/mortar
- No effect on bond strength between reinforcement and concrete
- Does not alter density of concrete

AREA OF APPLICATION

- Any kind of RCC structures and elements, especially exposed to corrosive environment like
 - Infrastructure projects
 - Marine or coastal projects
 - Water retaining structures
 - Sewage treatment plants
 - Underground structures

STORAGE & PACKAGING INFORMATION



STANDARD PACK SIZE
50 Ltrs / 210 Ltrs Barrels



SHELF LIFE
Best before 12 months
from date of packaging.



STORAGE INSTRUCTIONS
Store in cool, dry &
covered environment

APPLICATION INSTRUCTIONS

- FERROCARE LCI is to be used as an integral liquid additive
- Recommended dosage: 2-2.5 kg/m³
- It is advisable to disperse the product into batch water and then added into concrete mix at the time of batching.

HEALTH & SAFETY INFORMATION

- Respiratory protection: Usage of respiratory protection is advisable.
- Hand protection: Use Chemical-resistant, impervious gloves while handling.
- Eye protection: Use safety eyewear complying with an approved standard.
- Skin protection: Wash thoroughly if product comes in contact with skin.
Seek medical advice if any irritation continues.
- If mistakenly ingested, seek medical advice.
- Refer to MSDS for further instructions and precautions.

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