

COREFLOW C

Formerly known as **FAIRCRETE C**

Integral bipolar corrosion inhibitor for concrete

BENEFITS

- It works on Bipolar Inhibition Mechanism and highly effective for preventing rust
- Penetrates to rebar over a prolonged period
- Workability, Strength and quality of concrete are not effected
- Odourless
- Rust preventing effect is greatly improved
- Effective even in the presence of high amount of chlorides
- Non-deleterious unlike conventional rust converters
- Does not entrain air
- Does not have any side effect
- Non-toxic

DESCRIPTION

COREFLOW C is a Slightly yellowish liquid, ready to use integral bipolar corrosion inhibitor for concrete & mortar. It inhibits corrosion of steel in concrete at both cathodic and anodic poles. The product is recommended for use where marine sand or sub soil water containing high soluble salts are present in concrete, Also for long life of reinforcing steel bars in concrete the protective film on the surface of the reinforcing steel prevents rusting and consequently impairs concrete durability. It confirms to **IS 9103, ASTM G 109, ASTM G 1,ASTM G 3,ASTM C 1202,JIS Z 1535.**

USES

Protection of concrete structures, RCC elements/ structures exposed to corrosive environment, Marine structures, structures exposed to saline atmosphere, coastal structures, sewerage systems, etc. like bridges, jetties, docks, railway sleepers, chlorinating plants, swimming pools, chimney, cooling towers, power plants, pipelines, etc.

TYPICAL PROPERTIES

Physical State	Slightly yellowish liquid
Specific gravity	~1.15 g/cc
pH	>9
Chloride Content	Nil as per IS 456

APPLICATION

COREFLOW C is added to concrete mix at the mixing point along with cement, sand, aggregate and water before placement or pouring into transit mixer.

DOSAGE

The dosage rate of **COREFLOW C** is 2 kg per cubic meter of concrete.

PACKAGING

COREFLOW C is supplied in 50 kg,100 and 200 kg carboys.

SHELF LIFE & STORAGE

COREFLOW C will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 35°C. Material must be kept under shaded area and away from direct sunlight. Storage at higher temperature or high humidity may reduce shelf life.

HEALTH & SAFETY

COREFLOW C is mild alkaline. Any splashing on skin shall be washed off with clean water. If contact with eye occurs wash with clean water and seek medical advice.

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QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO 14001 & ISO 45001 (Occupational Health and Safety) certified by ISOQAR/UK.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our quality control laboratory and technical experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.



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"Contact us to discuss any potential requirement and you will be assured of a rapid and effective response - that's guarantee!!"



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