

EUCON ACI 2000M

Migrating Corrosion Inhibiting Admixture



EUCLID CHEMICAL

SPECIAL ADDITIVES FOR CONCRETE

DESCRIPTION

EUCON ACI 2000M is a liquid admixture, added in the production process of concrete to achieve a better protection of the reinforcement steel against corrosion. **EUCON ACI 2000M** is not only active in contact with the steel, but also migrates through the concrete porosity to reach the reinforcement to inhibit anodic and cathodic corrosion processes. **EUCON ACI 2000M** is a superior technical solution to extend the life time expectancy of reinforced concrete subjected to aggressive corrosion promoters such as oxygen, humidity, chlorides from de-icing salts or marine environments etc.

PRIMARY APPLICATIONS

EUCON ACI 2000M is recommended for all structures in reinforced concrete, normal or pre-stressed, in particular in aggressive situations like bridges, viaducts, exposed concrete facades.

FEATURES / BENEFITS

EUCON ACI 2000M is based on organic components, which do not change the physical or mechanical properties of the concrete or cement based mortars. In the meantime, it shall protect the reinforcements against corrosion, with cathodic or anodic function. The product is highly effective, even in presences of chloride salts.

TECHNICAL INFORMATION

Typical Properties	EUCON ACI 2000M
Appearance	Clear liquid
Density	1,0 ± 0,02 Kg/m ³
pH	10,35 – 12,35

PACKAGING

EUCON ACI 2000M is being packaged in 200 kg drums, 1000 kg IBCs and bulk or flexi tank.

SHELF LIFE

1 year in unopened original packaging.

STANDARD

- All requirements of ASTM C1582.

DIRECTIONS FOR USE

The product must be added during the preparation of concrete together with, or slightly after the mixing water. The Concrete must be correctly designed, compacted and homogeneous.

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DOSAGE

From 0,5 Kg to 1,5 Kg/m³ of concrete, depending on the mix design and on the environmental exposure.

PRECAUTIONS / LIMITATIONS

- Keep stored in protected, temperate and windy areas.
- Avoid direct sunlight.
- Use in well ventilated areas only.
- In all cases, consult the Safety Data Sheet before use.

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