

MCI-2005

Water based, concrete admixture modified with migrating corrosion inhibitor

Description

MCI2005 is liquid concrete admixture which contains migrating corrosion inhibitors ,it provides excellent protection to reinforcing bars and other metals embedded in concrete from corrosion induced by carbonation ,chlorides and

Where to use

It is recommended for :

- All reinforced ,precast , pre-stressed ,post-tensioned or marine concrete structure.
- Steel reinforced concrete structures .
- Steel reinforced concrete bridges , highways and streets .
- Parking decks , pillars ,pipes and utility poles
- Restoration & repair
- Shotcrete application .

Advantages

- Doesn't contain calcium nitrite.
- Non – hazardous ,non toxic
- Safe and environmentally friendly .
- Protects both anodic & cathodic areas.
- Migrates towards metals .
- Required dosage doesn't depend on chloride concentration
- Laboratory and field proven world wide .
- Cost effective .
- Biodegradable

Technical data

Appearance	Dark brown liquid
PH	11-12
Non volatile content	25-30%
Density	1.19±0.1 kg / l

How to use

- It can be added to concrete powder at the ready mix plant .
- It can be directly added in a ready mix truck or in portable mixers .
- Concrete should be mixed thoroughly

Theoretical Coverage :

0.62-1.24 L /m³ (long term 26 years)

.Packaging:

1,5,20 kg pails .

Storage:

Shelf life at least 12 months, in original sealed containers

Health and Safety

- Use gloves to avoid contact with skin.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.