



Surface Treatment

MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



# MCI® CorteCure®



## PRODUCT DESCRIPTION

MCI CorteCure is a water-based, membrane-forming, curing compound that contains Migrating Corrosion Inhibitor (MCI). It is made of biobased renewable materials.

It is designed to:

- Retain the hydration water in freshly worked concrete to aid in proper curing and a stronger concrete
- Be easily removed after UV weathering and traffic after 4-8 weeks (depending on exposure)
- Be VOC compliant per European and California regulations

## WHERE TO USE

MCI CorteCure is recommended for all newly-worked concrete to provide a convenient and excellent initial cure for:

- All reinforced, precast, prestressed, post-tensioned, or marine concrete structures
- Steel-reinforced concrete bridges, highways, and streets exposed to corrosive environments (carbonation, deicing salts, and atmospheric attack)
- Parking decks, ramps, and garages
- Concrete piers, piles, pillars, pipes, and utility poles
- Restoration and repair of all reinforced concrete commercial and civil engineered structures
- Buildings and foundations of all types
- Cooling towers and water tanks

## ADVANTAGES

- Enhances durability of reinforced concrete
- Ensures proper curing of fresh set concrete
- Removable after initial curing of the concrete, initial cure is in 4-8 weeks depending on weather and traffic exposure
- Cured concrete surfaces are able to receive subsequent treatment such as tiling, paint, and sealers after removal of MCI CorteCure
- Water-based and non-flammable for easy handling
- Safe and environmentally friendly
- Easily applied by spray, roller, squeegee, or paint brush to concrete surfaces
- Contains a fugitive dye

## APPLICATION

MCI CorteCure should be applied to freshly worked concrete after surface water glaze has disappeared and surface will not be marred by walking workman (generally about 4 hrs depending on concrete mixture used and application conditions). Do not apply when material or surface is below 40°F (4.5°C).

Stir gently before use. Apply at a rate of 200-250 ft<sup>2</sup> /gal (4.9 - 6.1 m<sup>2</sup>/L). Apply solution by spray (conventional airless or hand pressure spray equipment), roller, squeegee, or paint brush to concrete surface.

MCI CorteCure is removable so that the concrete surface can receive subsequent treatment. MCI CorteCure is degradable and will flake off after 4-8 weeks exposure to UV and traffic abrasions. If any coating material remains, it can be removed by a stiff brush and water, or by a pressure wash.

Application tools should be cleaned with soapy water while still wet.



MIGRATING CORROSION INHIBITORS  
FROM GREY TO GREEN

## TYPICAL PROPERTIES

Appearance	Milky pink liquid
pH	9.3-10.5 (neat)
Density/Specific gravity	8.3-8.4 lb/gal (1.0-1.01 kg/l)
Non-volatile Content	25-27%
Storage	DO NOT FREEZE Minimum >41°F (>5°C) Maximum <95°F (<35°C)
VOC (regulatory)	144 g/L
Shelf life	up to 6 months in a sealed drum

ASTM C-309 Compliant (water loss <0.5 kg/m<sup>2</sup> in 72 hours, at a rate of 200-250 ft<sup>2</sup>/gal)

(Specification for Liquid Membrane-Forming Compounds for Curing Concrete)

## PACKAGING

MCI CorteCure is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk.

## FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY CLOSED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

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