**MCI®-2006**

**PRODUCT DESCRIPTION**
MCI®-2006 is a powder concrete admixture that protects steel reinforcing, carbon steel, galvanized steel and other metals embedded in concrete from corrosion induced by carbonation, chloride and atmospheric attack. MCI®-2006 protects with a time proven migratory inhibitor function. In addition, it contains a proven contact inhibitor. When incorporated into the concrete mix, Migrating Corrosion Inhibitors (MCI®) seek out and form a corrosion inhibiting protective layer on metals. When used with repair mortars and grouts, MCI®-2006 will migrate to undisturbed concrete providing effective corrosion protection to rebar already in place.

**WHERE TO USE**
MCI®-2006 is recommended 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.
- All reinforced marine concrete structures.
- Concrete piers, piles, pillars, pipe and utility poles.
- Restoration and repair of all reinforced concrete commercial and civil engineered structures.

**ADVANTAGES**
MCI®-2006 offers engineers, owners, contractors, DOTs and government agencies a time proven corrosion inhibiting technology that will extend the life of all reinforced concrete structures.

- Protects against the harmful effects of corrosion even in the densest concrete.
- Reduces the chloride ingress.
- Does not contain any calcium nitrite.
- Non-hazardous and non-toxic.
- Non-flammable.
- Organic, safe and environmentally friendly.
- Technology is lab and field tested worldwide.
- Concentrated for cost effectiveness on all projects.
- Protects both anodic and cathodic areas.
- Will migrate to adjacent areas to protect surrounding metals.
- NSF Standard 61 approved for potable water applications (certified by Underwriters Laboratories).

**TYPICAL PROPERTIES**
- Appearance: White to off-white powder
- pH: 5.5-6.5 (1% aqueous)

**DOSAGE**
Added to the concrete mix at the rate of 1 pound per cubic yard (0.6 kg/cubic meter).

**APPLICATION**
MCI®-2006 can be added to concrete at the ready-mix plant, directly to the ready-mix truck drum or to portable mixers. Concrete should be mixed thoroughly.

**LIMITATIONS**
MCI®-2006 will act as a retarding admixture. It retards setting time up to four hours compared to a control. A non-chloride accelerator may be used to offset retardation.

**PACKAGING AND STORAGE**
MCI®-2006 is available in 5 lbs. (2.3 kg), 50 lbs. (22.7 kg), and 100 lbs. (45.3 kg) packages. Store product in a cool dry place. Shelf life is 24 months in sealed container.
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

LIMITED WARRANTY

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