

MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



MCI® Peel-off Coating



PRODUCT DESCRIPTION

MCI Peel-off Coating is a corrosion inhibiting, modified water-based acrylic peelable coating. This product provides mechanical protection against nicks, abrasion, scratches, and over-spray to the surface that it covers. MCI Peel-off Coating can be used to protect non-porous walls, ceilings, floors, windows, and light fixtures: one coating can do it all. In addition, MCI Peel-off Coating provides temporary protection to the metals against atmospheric, salt, and chemical induced corrosion. MCI Peel-off coating represents the ultimate in non-solvent peelable coatings. It is well stabilized against brittleness, and it will not be softened or penetrated by most solvent-based paints. MCI Peel-off coating has extremely low VOC and meets the most strict VOC requirements. The coating is stripped or peeled away prior to equipment use and will not leave residue.

FEATURES

- Water-based, VOC compliant
- Environmentally safe, non-flammable
- Can be disposed as a solid waste
- Reduces labor cost by reducing the application time
- Easily removed - peels off in sheets
- Does not leave any residue after removal
- Easy application - excellent sag resistance
- Contains corrosion inhibitors to prevent corrosion on unpainted metal surfaces

LIMITATIONS

- If applied over a primer, the primer should be cured and adhesion to the primer should be tested
- The film can be peeled from the surface when it is thoroughly dried
- The surface that is being coated needs to maintain a minimum temperature of 55°F (12.8°C) and maximum temperature of 150°F (65.5°C)
- It is not recommended for application to wood or similar fibrous substrates.

TYPICAL APPLICATION

MCI Peel-off coating intended as a temporary removable coating. This coating can be applied by spray, roll, brush, or dip. It provides a clear film which allows for inspection of the surface.

The film can be peeled from the surface when it is thoroughly dried, leaving a clean, ready-to-use substrate.

Spray Equipment

The following equipment is suggested for application to achieve quality results:

Conventional Spray Equipment:

Manufacturer	Gun Model Combination	Tip/ Aircap
DeVilbliss	MBC or JGA	704E
Binks	#18 or #62	66PE

Fluid hose should be 3/8" (0.95 cm) I.D. with a maximum length of 50 feet (15.2 m). Pot should always have dual regulation and be kept at the same elevation as spray gun. A typical inlet pressure of 30 psi and pot pressure of 10-12 psi are used, these numbers will vary slightly depending on the set-up.

Airless Spray Equipment:

Manufacturer	Gun Model Combination	Tip/Aircap
DeVilbliss	JGN-501	QFA-519
Binks	Model 500	Mercury 5C
Graco	205-591	Bulldog

Hose should be 3/8" (0.95 cm) I.D. minimum, but 1/4" (0.64 cm) I.D. whip end section may be used for ease of application. A maximum length of 100 feet (30.5 m) is

suggested. Best results will be obtained using a 0.013'-0.017" (0.3-0.4 cm) tip at 1200-1700 psi (83-117 bar).

Note: Nylon or Teflon type packaging are available from pump manufacturer and are highly recommended.

Note: Similar equipment may be suitable.

TYPICAL PROPERTIES

Appearance	Milky white viscous liquid
Coverage at 4-mils (100 microns) - Dry	140-160 ft ² /gal (13-15m ² /l)
pH	9.0-10.0 (Neat)
DFT	2-6 mils (50-150 microns)
WFT	5-14 mils (125-350 microns)
Solids by Volume	32-38 %
Non-volatile Content	36-42 %
Density	8.7-9.0 lb/gal (1.05-1.08 kg/l)

PACKAGING AND STORAGE

MCI Peel-off coating is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes and bulk. MCI Peel-off coating should be stored in a heated warehouse to avoid freezing. The product has shelf life of up to 12 months.

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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