

MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



MCI® Water Based Anti-graffiti Coating

PRODUCT DESCRIPTION

MCI® Water Based Anti-Graffiti Coating is a unique two-component aliphatic urethane. No induction time is needed after mixing. After a one week cure time, graffiti removal from this coating is fantastic. Not only will most solvents or Cortec graffiti removers VpCI-432 and VpCI-433 (gel form) work, but the graffiti can be removed by using mild scrapping, and rubbing. Naturally, this water based coating has a very low VOC.

This water based, anti-graffiti coating was designed for use on concrete; but the coating can also be applied as a topcoat on steel. This anti-graffiti coating can be used for both indoor and outdoor application and has very good UV resistance.

FEATURES

- Very low VOC
- High gloss
- Zero induction time
- Good adhesion
- Easy removal of graffiti

WHERE TO USE

- Parking lots
- Bridges
- Buildings

APPLICATION

Product Preparation:

Mix three volumes of Part A with one volume of Part B. Use immediately pot life is only 1 to 1.5 hours.

Method of Application:

Airless Spray or brush.

Method of Monitoring Application:

Wet film thickness gauge.

Product Application:

Normal wet film thickness of 4 mils (100 microns) yields almost 2 mils (50 microns) dry film thickness. The porosity of concrete will affect these values.

LIMITATIONS

Apply MCI Water Based Anti-graffiti coating at temperatures above 55°F (13°C) and below 90°F (32°C) to insure a well cured coating. Pot life of 1 to 1.5 hours.

TYPICAL PROPERTIES

Appearance	Translucent/clear liquid
Tack free time	6 to 8 hours
Pot life	1.0 to 1.5 hours
Cure time	One week
Mixing ratios	3 part A/1 part B by volume
Theoretical Spread Rate	726 to 758 ft ² /gal (1.6 to 1.84 m ² /l) @ 1 mil (25 microns) DFT
Flash point	200°F (93.3°C)
Non-volatile wt.	57-60%
Non-volatile vol.	45-47%
VOC	0.7 lbs/gal (0.08 kg/l)
Density	8.96-9.00 lbs/gal (1.07-1.08 kg/l)
Pencil Hardness	F
Adhesion to concrete	Excellent
Application on MCI-2020 Mod treated concrete	Good, provided that the concrete is thoroughly washed after applying the MCI-2020 Mod
Shelf life	1 year
Acetone resistance	100 double rubs- no effect



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Environmentally Safe VpCI®/MCI® Technologies

PACKAGING AND STORAGE

MCI® Water Based Anti-graffiti coating is available in 4 gallon (15.2 liters) kits, containing 3 gallons (11.4 liters) of Part A and a one gallon (3.8 liters) can of Part B. Other sizes are available upon request.

Once mixed, this coating must be entirely used up within 1.5 hours.

Keep containers tightly closed and away from sun and open flame.

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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