

MCI® Peel-off Coating

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.

PACKAGING & 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.



HOW IT WORKS

MCI® Peel-off coating is 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.

ADVANTAGES

- 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

PHYSICAL PROPERTIES

Appearance	Clear yellow-green to green liquid
Coverage at 4-mils	140-160 ft ² /gal (13-15m ² /l) (100 microns) - Dry
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)

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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 55OF (12.8OC) and maximum temperature of 150OF (65.5OC)
- It is not recommended for application to wood or similar fibrous substrates.

APPLICATION

Spray Equipment

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

Conventional Spray Equipment:

Manufacturer	Gun Model	Tip/Aircap
	Combination	
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	Tip/Aircap
	Combination	
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.

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