

DESCRIPTION

MeCaCorr 706 is a two component epoxy based ceramic polymer coating. The coating imparts an effective barrier to protect surfaces from wear, chemical attack and corrosion. A versatile, 100% solids, zero VOC, solvent free, self priming technology that offers a tough, cleanable and protective surface coating.

It's convenient paint-like viscosity and high film build rheology makes it easy to use by brush or single leg airless spray. Offers outstanding bond strength to a variety of substrates. Coating conforms to FDA 21 CFR(FDA) 175.300 food contact service.

APPLICATIONS

- Pump Housing
- Storage Tank Lining
- Resurfacing Metal Loss
- Chutes
- Process Equipment
- Concrete Coating
- Valves
- Hoppers

COVERAGE DATA

Theoretical coverage rate data
 Practical Coverage = Theoretical Coverage - Waste Factor

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
4.3 lb (2.0 Kg) (1500 ml) cartridge	25 mils (635 microns)	25.5 ft ² (2.4 m ²)
43.6 lb (19.8 kg)	25 mils (635 microns)	253 ft ² (23.6 m ²)

COATING DRY FILM THICKNESS

Minimum thickness – 508 microns (20 mils)
 Suggested thickness – 635 microns (25 mils)

PACKAGING

1500 ml / 0.4 Gal. / 2.0 Kg / 4.3 lb cartridge tube
 15 liter / 4.0 Gal. / 19.8 kg / 43.6 lb Kit

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 78
Pull Off Adhesion	ASTM D4541	≥ 2,000 psi (≥ 14 MPa)
X Cut Adhesion	ASTM D6677	Rating 10
Abrasion Resistance	ASTM D4060	133 mg loss

PHYSICAL DATA

Color	Light Gray/ Beige
Mix Ratio	1:1 by volume
Mix Ratio	0.77:1 by weight
Sag Resistance (20 mils / 508 microns)	No Sag
Working Life (77°F / 25°C)	46 minutes
Low Temperature Application	50°F (10°C)
Max. Re-coat Window (77°F / 25°C)	7 days
Percent Solids	100%
Odor	Slight to nil
Mixed Viscosity	9,700 cps
Mixed Density	1.30 g/ml
Max. Operating Temp. - Wet Service	122°F (50°C)
Max. Operating Temp. - Dry Service	190°F (90°C)
Cure Time - Touch (77°F / 25°C)	6 hour
Cure Time - Handle (77°F / 25°C)	12 hours

Before applying this product, please refer to the Application Instructions.

FOOD CONTACT COMPLIANCE

All the chemical raw materials used in the formulation of MeCaCorr 706 are listed in the following Regulation for indirect food additives as per 21 CFR (FDA): §175.300 resinous and polymeric coatings. This confirmation is limited to the use of the above product in the above food applications and does not apply to any use in drug, medical device, or cosmetic products. In accordance with the guidelines set out in CFR Section 175.300, MeCaCorr 706 may be used as a functional barrier between food and the substrate surface.

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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