



DESCRIPTION

MeCaCorr 736 is a glass flake polymer coating incorporating an advanced blend of ceramic and fibrous additives modified in a highly cross linked novolac epoxy resin system with improved flexibility and wet adhesion characteristics. The polymer matrix is designed to achieve maximum corrosion resistance for the restoration and protection of metallic and concrete containment systems.

It provides outstanding chemical resistance allowing it to be used in a wide variety of chemicals including, crude oil, hydrocarbon, waste water mixtures and sulfuric acid service.

This 100% solids, zero VOC technology offers fast return to service and edge retentive properties. The coating system is designed for application versatility, it can be applied by brush, single leg airless, and through a heated 2:1 ratio plural component pump for maximum production throughput.

MeCaCorr 736 provides fast cure in a single coat application allowing tank and vessel owners to return their assets back into service faster than ever.

APPLICATIONS

- Concrete tanks
- Basins
- Steel Storage tanks
- Secondary Contaminant
- Clarifiers
- Thickener Tanks
- Vessels
- Flooring
- Piping
- Spools and pipes

COVERAGE DATA

Theoretical coverage rate data

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
3.55 lb (1125 ml) (Cartridge)	40 mils (1016 µm)	11.9 ft ² (1.11 m ²)
48 lb (21.8 kg)	40 mils (1016 µm)	161 ft ² (14.9 m ²)

Practical Coverage = Theoretical Coverage - Waste Factor

COATING DRY FILM THICKNESS

- Minimum thickness – 20 mils (508 µm)
- Suggested thickness – 30 mils (762 µm)
- High wear and chemical exposure – 40 mils (1 mm)

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 84
Pull Off Adhesion	ASTM D4541	≥4000 psi (≥27.5 MPa)
X Cut Adhesion	ASTM D6677	Rating 10
Abrasion Resistance	ASTM D4060	≤ 50mg
Cathodic Disbondment	ASTM G95 1.5V for 28 days @ 175°F (80°C)	≤5mm (≤0.19 in)

PHYSICAL DATA

Color	Red/Lt Green
Mix Ratio	2:1 by volume
Mix Ratio	2:1 by weight
Sag Resistance (25 mils / 635 µm)	No Sag
Pot Life (77°F / 25°C)	45 minutes
Gel Timer (77°F / 25°C)	89 minutes
Low Temperature Application	>50°F (>10°C)
Max. Re-coat Window (77°F / 25°C)	24 hrs
Percent Solids	100%
Odor	Slight to nil
Mixed Viscosity	13,000 mPa•s (cP)
Mixed Density	1.44 g/ml
Max. Operating Temp. - Wet Service	167°F (75°C)
Max. Operating Temp. - Dry Service	300°F (150°C)
Cure Time - Touch (77°F / 25°C)	6 hours
Cure Time - Handle (77°F / 25°C)	12 hours

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

PACKAGING

1125 ml / 0.3 gal / 1.6 kg / 3.55 lb Cartridge Tube
15 L / 4 gal / 21.8 kg / 48 lb Kit

Larger volume packaging for plural component spray is available upon request.

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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