

DESCRIPTION

MeCaTec MeCaCorr 760 is one of the most advanced chemical immersion linings on the market. The polymer matrix is specifically designed to achieve wear and chemical resistance characteristics for the restoration and protection of metallic surfaces subjected to harsh corrosion and chemical attack. Advanced wetting and adhesion of 760 provides outstanding long term bond strength over heavily pitted and surfaces prepared by recycled wheel blast systems. It provides outstanding chemical resistance allowing it to be used in a wide variety of environments including crude oil and sulphuric 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, cartridge spray, or through a heated 2:1 ratio plural component pump for maximum production throughput.

APPLICATIONS

- Pipe Lining
- Pipe Coating
- Petroleum Tanks
- Chemical Tanks
- Heat Exchangers
- OEM Vessel Lining

COVERAGE DATA

Theoretical coverage rate data

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
4.4 lb (1125 ml) (Cartridge)	20 mils (508 µm)	24 ft ² (2.22 m ²)
8.9 lb (4.05 kg)	20 mils (508 µm)	48 ft ² (4.46 m ²)

Practical Coverage = Theoretical Coverage - Waste Factor

COATING DRY FILM THICKNESS

Minimum thickness – 12 mils (305 µm)
 Suggested thickness – 20 mils (508 µm)
 High wear and chemical exposure – 35 mils (890 microns)

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 84
Pull Off Adhesion	ASTM D4541	≥4500 psi (≥31 MPa)
X Cut Adhesion	ASTM D6677	Rating 10
Abrasion Resistance	ASTM D4060	≤ 50mg
Steam Out Resistance (96 hours)		410°F (210°C)
Atlas Cell, 194°F (90°C) for 7 days, NACE TM0174		Pass
Cathodic Disbondment 1.5V for 28 days @ 175°F (80°C)	ASTM G95	≤5mm (≤0.19 in)

PHYSICAL DATA

Color	White
Mix Ratio	2:1 by volume
Mix Ratio	2.19:1 by weight
Sag Resistance (18 mils / 457 µm)	No Sag
Pot Life (77°F / 25°C)	25 minutes
Low Temperature Application	>50°F (>10°C)
Max. Re-coat Window (75°F / 24°C)	24 hrs
Percent Solids	100%
Odor	Slight to nil
Mixed Viscosity	70,000 mPa·s (cP)
Mixed Density	1.78 g/ml
Max. Operating Temp. - Wet Service	221°F (105°C)
Max. Operating Temp. - Dry Service	300°F (150°C)
Cure Time - Touch (77°F / 25°C)	2 hours
Cure Time - Handle (77°F / 25°C)	8 hours

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

PACKAGING

1125 ml / 0.3 gal / 2.0 kg / 4.4 lb Cartridge Tube
 2.27 L / 0.60 gal / 4.05 kg / 8.9 lb Kit

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

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



EUTECTIC CORPORATION
 N94 W14355 Garwin Mace Drive
 Menomonee Falls, WI 53051 USA
 Tel.: +1 (800) 558-8524

EUTECTIC CANADA
 428, rue Aimé-Vincent
 Vaudreuil-Dorion, Québec
 J7V 5V5 Canada
 Tel.: +1 (800) 361-9439



mecatecpolymers.com