Surfacing Polymer

TECHNICAL DATA SHEET



MeCaFix 100 Express

MeCaTeC

Fast Curing Emergency Repair Paste

DESCRIPTION

MeCaFix 100 is a fast setting metal filled emergency repair polymer. MeCaFix 100 Express is a two component polymer with a 1 to 1 ratio by volume. The working life is 3 minutes and it is ready to sand within 1 hour. MeCaFix 100 is well suited for repairing leaks in tanks, piping, rebuilding seals, stripped threads, keyways and shafts.

APPLICATIONS

- •Thread Repair •Cold Bonding Adhesive
- •Repair Leaks
- •Polymer Shimming
- •Resurfacing Metal Loss •Wood Repair
- •Repair Cracks and Casting Defects

COVERAGE DATA

Theoretical coverage rate data

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
0.1 lb (25 ml)	125 mils (3.2 mm)	0.1 ft² (0.01 m²)
0.55 lb (250 g)	125 mils (3.2 mm)	0.6 ft ² (0.056 m ²)

Practical Coverage = Theoretical Coverage - Waste Factor

PACKAGING

0.025 liter / 0.01 Gal. / 0.037 Kg / 0.1 lb Syringe 0.17 liter / 0.04 Gal. / 250 g (0.25 Kg) / 0.55 lb Kit

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 74
Pull Off Adhesion	ASTM D4541	≥ 3,200 psi (≥22 MPa)
X Cut Adhesion	ASTM D6677	Rating 10
Abrasion Resistance	ASTM D4060	85 mg
Elongation		2.6%
Impact	ASTM D2794	60 in•lb (0.7 kg•m)

PHYSICAL DATA

Color	Gray
Mix Ratio	1:1 by volume
Mix Ratio	1.55:1 by weight
Sag Resistance (250 mils / 6.3 mm)	No Sag
Working Life (77°F / 25°C)	3 minutes
Low Temperature Application	>14°F (>-10°C)
Max. Recoat Window (77°F / 25°C)	While material is soft
Percent Solids	100%
Odor	Slight to nil
Mixed Density	1.46 g/ml
Max. Operating Temp Wet Service	104°F (40°C)
Max. Operating Temp Dry Service	120°F (48°C)
Cure Time - Touch (77°F / 25°C)	10 minutes
Cure Time - Handle (77°F / 25°C)	30 minutes

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

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

Statement of Liability: Due to variations inherent in specific applications, the technical information contained herein, including any information as to suggested product applications or results, is presented without representation or warranty, expressed or implied. Without limitation, there are no warranties of merchantability or of fitness for a particular purpose. Each process and application must be fully evaluated by the user in all respects, including suitability, compliance with applicable law and non-infringement of the rights of others, and Eutectic Corporation and its affiliates shall have no liability in respect thereof.