



Surfacing Polymer

MeCaFix 100 Express

Fast Curing Emergency Repair Paste

TECHNICAL DATA SHEET



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 ft ² (0.01 m ²)
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



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