



Surfacing Polymer

# MeCaFix 100 Express

Fast Curing Emergency Repair Paste

TECHNICAL DATA SHEET

**MeCaTeC**

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

## COVERAGE DATA

Theoretical coverage rate data

Square meter/100g = 0.066 / thickness (mm)

Square feet/100g = 2.82 / thickness (mils)

Practical coverage rate data

Practical coverage: Theoretical coverage X (1-%waste factor)

## PACKAGING

100 grams / 0.22 lb

500 grams / 1.1 lb

## TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D 2240	[Shore D] 74
Pull Off Adhesion	ASTM D 4541	≥3,200 psi (≥22 MPa)
X Cut Adhesion	ASTM D 6677	Rating 10
Abrasion Resistance	ASTM D 4060	85 mg
Elongation		2.6%
Impact	ASTM D 2794	60 lb/in (0.7 kg/m)

## PHYSICAL DATA

Color	Gray
Mix Ratio	1:1 by volume
Mix Ratio	2:1 by weight
Sag Resistance (6350 micron / 250 mils)	No Sag
Working Life (77°F / 25°C)	3 minutes
Low Temperature Application	14°F (-10°C)
Max. Re-coat Window (77°F / 25°C)	While material is soft
Solvent Content	Zero
Odor	Slight to nil
Mixed Density	1.5 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)	4 minutes
Cure Time - Handle (77°F / 25°C)	1 hours
Shelf Life	1 years

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

## YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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