

## DESCRIPTION

MeCaFix 140 is a concrete resurfacing and repair compound that is designed for non structural surface defects. This Kevlar® reinforced polymer compound is moisture tolerant and imparts excellent adhesion to cold and damp concrete. The matrix is designed to achieve maximum build and strength for concrete repairs, to fill deep pits/voids, create coves, and reface worn surface areas. This is a two part system, 100% solids, solvent free, zero VOCs technology.

MeCaFix 140 is a non sagging paste excellent for vertical and overhead applications. The repair material can be applied by trowel, flexible spreaders or grout pump. The repair compound can be used inconjunction with glass fiber or other composite fiber/cloth to futher strengthen and reinforce the repair.

**MeCaFix 140 is coveniently packaged in a mix ratio of A:B = 1:1 by volume and by weight.**

## APPLICATIONS

- Concrete resurfacer
- Concrete repair
- Cove Builder
- Bonding adhesive

## COVERAGE DATA

Theoretical coverage rate data

250 microns = .21 square meter/1 kg

100 mils = 2.3 square feet/2.2 lbs

Practical coverage rate data

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

## COATING DRY FILM THICKNESS

Suggested thickness - 100 to 250 mils (2.5 to 6 mm)

## PACKAGING

3 Kg (6.6 lb) Kit

47 Kg (103.4 lb) Kit

## TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D 2240	[Shore D] 80
Pull Off Adhesion	ASTM D 4541	≥ 3,000 psi (≥20 MPa)
Pull Off Adhesion	(concrete)	400 psi (≥2.7 MPa)
X Cut Adhesion	ASTM D 6677	Rating 10
Tensile Strength	ASTM D 638	8,500 psi
Compressive Strength	ASTM D 695	13,000 psi
Flexibility	ASTM D 522	3" mandrel
Flexural Strength	ASTM D 790	≥ 13,488 psi
Elongation		5 %

## PHYSICAL DATA

Color	Gray
Mix Ratio	1:1 by volume and 1:1 by weight
Pot Life (77°F / 25°C)	35 minutes
Low Temperature Application	40 °F (4.5 °C)
Max. Re-coat Window (77°F / 25°C)	48 hours
Solvent Content	Zero
Odor	Low
Mixed Viscosity	Paste
Sag Resistance	400 mils (10 mm)
Max. Operating Temp. - Wet Service	120°F (50°C)
Max. Operating Temp. - Dry Service	195°F (90°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.*

## YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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