



Surfacing Polymer

MeCaFix 130

Ceramic Rebuild Compound and Tile Adhesive

TECHNICAL DATA SHEET



DESCRIPTION

MeCaFix 130 is a fine ceramic filled trowelable repair compound for resurfacing and protecting worn processing equipment exposed to corrosion, cavitation, and alkaline/acidic chemicals. MeCaFix 130 allows the protection of working surfaces in all positions without sag. This ceramic coating is extremely versatile and can be used as a standalone coating material or as an all in one adhesive and grout for the installation of alumina ceramic tile.

APPLICATIONS

- Cracked Casings
- Pump Housings
- Resurfacing Metal Loss
- Chutes
- Tube Sheet Repair
- Ceramic Tile Adhesive/Grout
- Butterfly Gate Valve Repairs
- Hoppers

COVERAGE DATA

Theoretical coverage rate data

Practical Coverage = Theoretical Coverage - Waste Factor

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
3.3 lb (1.5 Kg)	125 mils (3.2 mm)	2.57 ft ² (0.24 m ²)
32 lb (14.5 kg)	125 mils (3.2 mm)	24.85 ft ² (2.3 m ²)

PACKAGING

0.8 liter / 0.2 Gal. / 1.5 Kg / 3.3 lb Kit
7.2 liter / 1.9 Gal. / 14.5 Kg / 32 lb Kit

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 86
Pull Off Adhesion	ASTM D4541	≥ 4,100 psi (≥ 28 MPa)
X Cut Adhesion	ASTM D6677	Rating 10
Taber Abrasion	ASTM D4060	65 mg loss
Atlas Cell, 194°F (90°C)/7 days NACE 0174		Pass

PHYSICAL DATA

Color	Blue
Mix Ratio	3:1 by volume
Mix Ratio	6:1 by weight
Sag Resistance (250 mils / 6.3 mm)	No Sag
Working Life (77°F / 25°C)	25 minutes
Low Temperature Application	50°F (10°C)
Max. Re-coat Window (77°F / 25°C)	8 hours
Percent Solids	100%
Odor	Slight to nil
Mixed Viscosity	Paste
Mixed Density	1.97 g/ml
Max. Operating Temp. - Wet Service	176°F (80°C)
Max. Operating Temp. - Dry Service	302°F (150°C)
Cure Time - Touch (77°F / 25°C)	4 hour
Cure Time - Handle (77°F / 25°C)	10 hours

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

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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