



Surfacing Polymer
MeCaFix 144
 Elastomer Wear Protection Coating

TECHNICAL DATA SHEET
MeCaTec

DESCRIPTION

MeCaTec MeCaFix 144 is a fast setting polyurethane coating designed to provide high impact and elastomer protection for wear surfaces. MeCaFix 144 is supplied in a dual cartridge kit designed to be dispensed using the MeCaSpray coating system. As the material dispenses from the cartridge it travels through a static mixer where it is properly mixed and flows onto the work surface. Once mixed the material begins to thicken immediately with a final tack free time of 10 minutes and a return to service in less than 3 hours.

APPLICATIONS

- Roller Coating
- Off Road Protection
- Chute Protection
- Geotextile Reinforcement
- Fill in Caulking
- Cast Parts
- Hopper Lining
- Repair Expansion Joints

COVERAGE DATA

Theoretical coverage rate data

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
3.85 lb (1500 ml) (Cartridge)	120 mils (3 mm)	3.5ft ² (0.32 m ²)

Practical Coverage = Theoretical Coverage - Waste Factor

PACKAGING

1500 ml / 0.39 gal / 1.75 kg / 3.85 lb Cartridge Tube

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore A] 82
Abrasion	ASTM D 4060, H18	Less than 10 mg loss
Chemical Resistance	ASTM D543	Good
Temp. Resistance	Bake cycle	Up to 180°F (82°C)
Elongation	ISO 527-2	300%
Impact Resistance	ASTM D2794	160 in•lbs
Solids Content	ASTM D1259	100%
V.O.C.	ASTM D2369	0 grams/liter

PHYSICAL DATA

Color	Green
Mix Ratio	1:1 by volume
Sag Resistance (250 mils / 6.3 mm)	No Sag
Pot Life (77°F / 25°C)	60 seconds
Low Temperature Application	>50°F (>10°C)
Max. Recoat Window (77°F / 25°C)	30 minutes (Surface needs to be roughened before applying subsequent coat if 30 minutes is exceeded.)
Solvent Content	Zero
Odor	Slight to nil
Mixed Viscosity	>200,000 mPa•s (cP)
Mixed Density	1.2 g/ml
Max. Operating Temp. - Wet Service	122°F (50°C)
Max. Operating Temp. - Dry Service	180°F (82°C)
Cure Time - Touch (77°F / 25°C)	3 minutes
Cure Time - Handle (77°F / 25°C)	15 minutes

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

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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