

DESCRIPTION

MecaPrime 10 is a low viscosity, micronized fiber reinforced sealer and primer designed to impart excellent adhesion to cold and damp concrete. MeCaPrime 10 offers very good chemical resistance and is suitable as a base layer for chemical immersion service. MeCaPrime 10 incorporates optical fluorescing pigment that provides visual inspection to ensure proper film coverage and improves pinhole detection of the primary topcoat. The surface finish resists amine blushing even when cured at cold temperature or high humidity. Suitable as a primer for MeCaCorr chemical resistant linings.

APPLICATIONS

- Concrete primer
- Steel primer
- Penetrating sealer
- Bonding adhesive

COVERAGE DATA

Theoretical coverage rate data

150 microns = 14.86 square meter/kit
 6 mils = 160 square feet/kit

Practical coverage rate data

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

COATING DRY FILM THICKNESS

Suggested thickness - 100 to 175 microns (4 to 7 mils)

PACKAGING

2.5kg / 0.6 gallon

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D 2240	[Shore D] 80
Pull Off Adhesion	ASTM D 4541	≥ 4,900 psi (≥34 MPa)
Pull Off Adhesion	(concrete)	400 psi (≥2.7 MPa)
X Cut Adhesion	ASTM D 6677	Rating 10
Tensile Strength	ASTM D 638	8,590 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	Amber clear
Mix Ratio	1.72:1 by volume
	2:1 by weight
Pot Life (77°F / 25°C)	38 minutes
Low Temperature Application	50°F (10°C)
Max. Re-coat Window (77°F / 25°C)	48 hours
Solvent Content	Zero
Odor	Low
Mixed Viscosity	2,200 mPa-s (cP)
Mixed Density	1.10 g/ml
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)	10 hours

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

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



EUTECTIC CORPORATION
 N94 W14355 Garwin Mace Drive
 Menomonee Falls, WI 53051 USA
 Tel.: +1 (800) 558-8524
 eutectic.com

EUTECTIC CANADA
 428, rue Aimé-Vincent
 Vaudreuil-Dorion, Québec
 J7V 5V5 Canada
 Tel.: +1 (800) 361-9439
 eutectic.ca



mecatecpolymers.com

