

## SURFACE PREPARATION

**Concrete Surface Preparation** - All oil, grease and chemical contaminants must be removed from the surface of the concrete by chemical cleaning prior to preparation in accordance with SSPC-SP13/NACE No. 6. Surfaces must be firm, structurally sound, free of standing water, laitance, and release agents. Surface preparation requirement is to expose a sound, uniform surface texture resembling an ICRI-CSP 5-6. The appropriate resurfacing material must be applied to ensure surface is level and suitable for lining. Proceed only if the substrate temperature is 5°F (3°C) above the dew point temperature and that the relative humidity is below 85% during surface preparation and coating application. Abrasive blast with clean abrasive media.

## MIXING INSTRUCTIONS

Mixing Ratio	
Volume	1.71 part Resin (A) : 1 part Hardener (B)
Weight	2 part Resin (A) : 1 part Hardener (B)

This is a two-component system. **COMPLETE UNIT MUST BE MIXED AND APPLIED AT ONE TIME. DO NOT MIX PARTIAL QUANTITIES FROM CONTAINERS OR PROPER RATIOS MAY NOT BE OBTAINED.** Ensure product temperature is between 68 – 85°F (20 – 30°C), pre mix Resin Part A and Hardener Part B individually, be sure that any settled material at the bottom of the can is dispersed. Slowly pour the contents of the hardener into the resin while mixing slowly.

Pour a quarter of the hardener into the resin at one time and mix, once dispersed add the remainder of the hardener in small increments while mixing until the full content has been added. Mix for 2 minutes until a uniform color and consistency is achieved. To ensure complete mixing, scrape sides and bottom of container and continue mixing for an additional 1 minute. If a mechanical drill with Jiffy mixer is used, mix at slow rpm speed. Excessive mixing speed will induce air into the mixture and is not recommended.

## APPLICATION INSTRUCTIONS

Once mixed, begin application immediately - no induction time is needed. This product will have a short working pot life and will develop exothermic heat due to the polymeric reaction. Contents of the container may be portioned off into smaller containers to maintain pot life. The product may be applied by brush or roller. Work the material into the surface profile to completely wet out the substrate surface to ensure proper adhesion. **No reducing or thinning of the material is permitted.**

**Brush** - Use a medium bristle brush. Work the product into the surface of the roughen concrete.

**Roller** - Use a medium synthetic roller cover with a phenolic core.

Avoid over working the material by brush or roller. Apply enough material that can be brushed or rolled within the product's working life. All puddles must be brushed out. The primer is only to be applied in a very thin layer and not recommended to create a thick coating film.

## SAFETY

Before using any products, please refer to the Safety Data Sheet (SDS). Follow standard confined space entry and work procedures, if appropriate.

Wear eye safety protection and full skin protection including chemical resistant gloves. Use NIOSH approved respirator where mist occurs.

## CURING PERFORMANCE

The warmer the temperature the faster the reaction speed.

Curing Schedule	50°F	77°F	86°F
	10°C	25°C	30°C
Pot Life	90 min.	70 min.	50 min.
Dry to Touch	8 hours	6 hours	5 hours
Dry to Handle	12 hours	10 hours	8 hours
Max. Recoat Time	60 hours	48 hours	36 hours

If the maximum recoat time is exceeded, then the cured surface should be abraded and a reapplication of MeCaPrime 10 is to be applied or other MeCaTeC coating may be used.

## STORAGE & CLEAN UP

- 1) Use commercial solvents (Xylene, Methyl Ethyl Ketone) to clean tools immediately after use.
- 2) Once the coating is dry, the material must be abraded off.
- 3) Keep containers tightly sealed. For cleanup, use M.E.K. or a 50:50 blend of M.E.K. and Xylol.
- 4) Long time storage should be between 50°F (10°C) and 80°F (27°C).

**DO NOT FREEZE.**

- 5) Use product within 2 years of receiving. Once the product lid is opened it must be resealed tightly. The shelf life will be reduced to 3 months.

*Before applying this product, please refer to the Technical Data Sheet.*

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



[mecatecpolymers.com](http://mecatecpolymers.com)

