

SURFACE PREPARATION

Concrete Surface Preparation - Remove any flaking paint/coating and loose concrete. 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.

Allow new concrete to cure for 28 days prior to applying the repair material.

Concrete Outgassing/Pinholes - Outgassing is a natural phenomenon when lining concrete. Concrete is a very porous material and as it warms it expels a combination of air/moisture or “outgases.” A lining applied while concrete is outgassing will likely develop bubbles and pinholes. To minimize or eliminate this problem the use of a suitable MeCaTec primer is recommended. It is also advisable to apply the lining in multiple thin passes and back roll after the first pass to minimize this defect. MeCaFix 140 may be used to fill bug holes and voids prior to the application of a MeCaCorr polymer lining.

MIXING INSTRUCTIONS

| Mixing Ratio | |
|--------------|--|
| Volume | 1 part Resin (A) : 1 part Hardener (B) |
| Weight | 1 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 73 – 85°F (23 – 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.

Pour the contents of the Resin and the Hardener onto a mixing board surface at equal 1 to 1, by volume or weight.

Mix for 2 minutes until a uniform color and consistency is achieved. To ensure complete mixing, scrape the bottom of the mixing board continue mixing for an additional 30 seconds. Excessive mixing speed will induce air into the mixture and is not recommended.

APPLICATION INSTRUCTIONS

1) Once mixed, begin application immediately - no induction time is needed. This product has a short working life and will develop exothermic heat due to the polymeric reaction. The higher the temperature and the larger the mass, the faster the product cure speed. Mixed contents may be portioned off into smaller containers to maintain pot life.

2) The product is applied with the application spreader provided. Work the material in a very thin layer to allow the polymer resin to “wet” out the surface to ensure proper adhesion. Once the surface is wet, begin to build up the coating to the desired thickness.

3) The product should be applied in a single layer. When additional thickness is required, a second layer can be applied over the first layer within the coatings recoat window.

INSPECTION

Immediately following the application of the coating visually inspect the coating for discoloration and areas of missed coating. These areas can be repaired immediately if the coating is tacky to touch.

Further inspection is to be performed once the coating has cured. Visually inspect the coating for discoloration, uncured coating, blisters, and other visual defects.

Mechanical removal and reapplication may be required depending on the defect type.

CURING PERFORMANCE

Product temperature and substrate temperature will affect the coating cure time. 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 | 55 min | 35 min | 20 min |
| Dry to Touch | 8 hours | 6 hours | 5 hours |
| Dry to Handle | 14 hours | 12 hours | 8 hours |
| Full Load Exposure | 30 hours | 20 hours | 18 hours |
| Maximum Recoat | 48 hours | 48 hours | 48 hours |

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.

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.

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

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS

