



Application Guide

PM 550

Note: This system is designed for application over Milamar's PM waterborne epoxy coatings to allow for breathability and as a protective sealer for other Milamar PM coatings. PM 550 is to be applied at temperatures between 65°F and 95°F and when relative humidity is no more than 80%.

COMPONENTS

PM 550 - Part "A" Clear Urethane

PM 550 - Part "B" Hardener

(Mix ratio is 3 parts "A" to 1 part "B" by volume")

Primer/base coat: See base coat material instructions for surface preparation and application prior to urethane finish. Epoxy primer/base coat should be tack free before applying urethane finish.

Application of Urethane Topcoat- When epoxy is hard and no longer tacky, carefully mix 3/4 gallon of **PM 550** Part "A" with 1/4 gallon **PM 550** Part "B". (If working with premeasured kit, mix unit supplied.) Mixing should be done with a Jiffy Mixer and a low speed drill (maximum 650 rpm to avoid bubbling) for a minimum of 2 minutes. Be sure to premix **PM 550** Part "A" before mixing with Part "B" as settling may occur during shipping and storage. Mix ratio is 3 Parts A to 1 Part B by volume.

Apply the coating with a sturdy, long handled, roller frame and a 3/8" napped, non-shedding roller cover. Keep coating even and consistent. A standard 1 gallon mix should cover approximately 320 sq.ft. (A 1.84 gallon kit will cover 580 sq.ft. or a .92 gallon kit will cover 270 sq.ft.) Working time is approximately 1 hour @ 75°F for **PM 550**. Additional topcoat may be installed in the same manner as above after overnight cure at 75°F.

Note: The **PM 550** will turn white when mixed. Once applied the product will turn clear as it cures. Do not re-roll once material has started turning clear as foaming (milky appearance) can occur. Although the pot life for **PM 550** is longer than one hour, we recommend that the mixed material be used in less than one hour for best durability and performance. Do not reseal product once it has been mixed.

(Optional) Second Application of Urethane Topcoat- When urethane is hard and no longer tacky, carefully mix ¼ gallon of **PM 550** Part "A" with ¼ gallon **PM 550** Part "B" and apply as noted above. Although sanding is not normally required between coats, application techniques may make it necessary to sand the surface to eliminate any irregularities or high points. This process will also achieve a slightly smoother finish. If **PM 550** has cured more than 48 hours before additional top coat can be applied, a light sanding of the surface is recommended for best adhesion.

For skid resistance- fine transparent slip resistant aggregate can be used in the final coat of urethane. **PM 550** should be mixed thoroughly before adding slip resistant aggregate. Amount of slip resistant aggregate will vary in amount and texture depending on materials used. We recommend a sample of the slip resistant aggregate be tested with the **PM 550** prior to application for acceptance of texture and appearance by the owner.

Return to Service- **PM 550** should cure for twenty-four (24) hours at 75° F, 50% RH after the final coating step before opening the area to foot traffic, seventy-two (72) hours before driving across and should cure for ninety-six (96) hours before parking vehicles on the surface. Low temperatures and high humidity levels can retard these cure times dramatically. If the **PM 550** is not "rock hard" after seventy-two (72) hours at 75° F; call Tele-Tech at 1-405-755-8454 for professional assistance.

Clean Up - While wet, the **PM 550** can be cleaned using hot soapy water. Fully dried **PM 550** can only be removed by mechanical means such as sanding or grinding. Leftover mixed **PM 550** will fully harden and can be discarded according to your local area regulations

SAFETY: As with any chemical, avoid contact with skin and wear appropriate protective eyewear during preparation and installation. Apply only in well ventilated area.

First Aid: For skin contact, wash thoroughly with soap and rinse with running water. In case of contact with eyes, flush with cold water for 15 minutes and contact a physician. If swallowed, do not induce vomiting. Contact the Poison Control Center immediately.

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