



## PM 200 Epoxy Coating

**Milamar's PM 200 epoxy** coating is a decorative, yet very durable chemical and abrasion resistant seamless floor finish. It is designed to be used as a "stand alone" coating, as a primer/color coat for Milamar's Urethane Coatings or as a top coat for other Milamar Seamless Floors.

### COMPONENTS

PM200 - Part "A" Pigmented Epoxy  
PM200 - Part "B" Hardener  
(Mix ratio is 2 parts "A" to 1 part "B" by volume)

OPTIONAL: Various grades of quartz, granite or white aluminum oxide aggregate can be added for additional slip resistant properties.

### RECOMMENDED COVERAGE RATE

Average - 200 sq. ft. per gallon per coat. Two coats recommended  
NOTE: Consumption rate will be dramatically higher on a porous substrate

### PREPARATION

(See Floor Preparation Section)

### CAUTION

**Make certain all personnel has read and fully understood all safety precautions on product labels and Material Safety Data Sheets.**

### INSTALLATION

#### Step 1. Priming (Optional)

PM 200 is normally a self-priming system, however, priming may be necessary when substrate is heavily shot blasted or very porous. If required, use PM100/125/126/127 epoxy applied by squeegee and backroll at 200-250 sq.ft. per gallon. Allow to cure to tack free state before proceeding.

#### Step 2. Mixing

Carefully mix 1 gallon of PM200 Part "A" with 1/2 gallon PM200 Part "B". 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.

#### Step 3. First Coat Application

Pour entire contents of mix onto floor in a continuous ribbon. Slowly move and level the mixture with a flat squeegee or trowel, then backroll with a medium nap, phenolic core roller to remove any squeegee or trowel marks. A standard 1 1/2 gallon mix should cover approximately 300 sq.ft. (200 sq.ft. per gallon) but this will vary depending upon the porosity and texture of the concrete.

NOTE: Larger quantities of epoxy may be mixed if there is sufficient man power to squeegee and roll before epoxy begins to set up. Working time is approximately 30 minutes @ 75° F for PM200.

If slip resistant aggregate is to be added, lightly and evenly broadcast aggregate into first coat (Step 3) after back rolling but before the epoxy begins to set.

To enhance even distribution of aggregate, it is recommended that the broadcast installer wear spiked shoes to allow walking in the wet epoxy and stay close to the broadcast area.

Cure Time: Allow to cure at least 9 hours at 75° F for recoat.

Note: PM200 is designed for 8-15 mil application as a topcoat. If greater thickness in one coat is required, call for recommendation.

#### **Step 4. Second Coat Application (Optional but Recommended)**

Although PM200 can be installed in one application, it is recommended PM200 be installed in two coats to improve finish and durability.

When floor is no longer tacky, approx. 9 hrs. @ 75° F, repeat Step 3. Aggregate should not be incorporated in second coat. Coverage of PM200 will be approx. 300 sq.ft. per 1 ½ gallon mix (200 sq. ft. per gallon) on second coat.

NOTE: If first coat has cured more than 24 hours at 75° F, before additional coats can be applied the receiving coat should be lightly sanded with a medium grit sanding pad and then vacuumed or swept to remove dust or debris.

#### **Return to Service**

**Normally allow new floor to cure a minimum of 24 hours @ 75° F before returning floor to light duty service and 36 hours @ 75° F before returning floor to full service. Be certain that the floor is no longer tacky and hard before turning over to customer.**

**The information above is to be used as a guideline. The coverages and times provided may vary due to temperature, humidity, mixing time, concrete surface and preparation used.**

**Milamar Coatings, L.L.C.**

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