

# Premocoat™ Base

**Premocoat™ Base** is a polymer-modified cementitious powder, only the addition of water is needed. It is used as a single component coating for finishing masonry walls including Liteblok™, as a base coat for finishing Exterior Insulation and Finish System (EIFS) walls and for priming of stampable overlays or resurfacing existing concrete with a smooth finish applied less than a 1/16th of inch. Premocoat™ Base can be used for patch repair of existing concrete or covering blemishes from crack repairs.

## Patch Repair or Level-up

Any patch work or level up that requires more than 1/16th of an inch, should be done prior to coating the entire surface area.

## Mixing Instructions

In a 5 gal bucket, add 5 quarts of water and any pigment and mix using a low speed paddle mixer for a minute. Then, slowly add the Premocoat™ Base material from the bag and, using the paddle mixer, mix to the consistency of a runny milk shake. In hot weather, it recommended to use cold water. A concrete mixer may also be used. Keeping the ambient temperatures and water and pigment amounts consistent is the key to batch to batch uniformity. A 50 lb bag typically provides 50 sq ft of coverage at 1/8" thick.

## Horizontal Surfaces

### Surface Preparation

Clean the surface by power scrubbing to remove oil, dirt or any other contaminants that may interfere with bonding. Pressure wash the surface at close range using a 3,000 psi pressure washer to clean and rinse. Shot-blasting is another popular method for preparing the surface, especially for indoor jobs. On any hard surface the surface needs to be etched with acid wash to receive the Premocoat™ Base with an acid wash. The area should be neutralized with either a diluted mixture of ammonia or baking soda and then rinsed clean. Check with your local authorities for any run off.

### Spreading the Premocoat™ Base

Prior to the application of Premocoat™ Base mist the surface area in 100-200 sq ft sections with cool water. Be careful not to spray too much water or create standing water on the surface. After mixing, pour a row of Premocoat™ Base along the starting edge over the water dampened surface. Spread the material as thin as possible (less than 1/16") next to the starting edge and squeegee the material from side to side in straight rows to cover the surface and achieve as smooth a finish as possible. Press firmly on the squeegee and overlap each pass halfway as you make the next pass and so on.

### Applying an Overlay Mix

When applying a stamp coat mix over the Premocoat™ Base, wearing spike shoes, walk onto the coating and apply when still soft. If already set and dried apply an additional coat over the existing. Do not place the Premocoat™ Base over existing expansion joints. All control joints must be honored.

## Dry Time

In warmer temperatures Premocoat™ Base is usually dry in 30 minutes to 1 hour. In cooler temperatures it may take 4 hours or more.

## Clean Up

Clean tools, mixing equipment and hands with water before the Premocoat™ Base dries.

**Caution:** May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Contains Portland cement. If any cement or cement mixtures get into eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

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## Vertical Surfaces

### Surface Preparation

Remove any loose material, dust, oil or other contaminants. Substrate should have an open pored and/or textured surface. Surface must be smooth to prevent irregularities from telegraphing through the finish.

### Applying Premocoat™ Base

Premocoat™ Base can be applied as a base finish covering the exterior mesh of an EIFS wall. Prior to the application of Premocoat™ Base mist the surface area in 100-200 sq ft sections with cool water. Premocoat™ Base can be trowel, spray or brush applied. When finishing masonry walls Premocoat™ Base is usually applied directly to the wall without the use of a lathe or metal mesh. The initial 1/16" coating is typically applied by trowel and the second finish coating of 1/16" is applied by trowel, spray or brush. For wood substrates a lathe is generally used. Expansion joints are usually placed wherever there are wall expansion joints. After application, and during curing, protect from wind driven rain for at least 24 hrs. Ambient temperatures must be over 45°F for at least the initial 24 hr period following application. Paint or sealer may be applied after a 72 hr cure period.

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