

Premocoat™ Microrender

Premocoat™ Microrender is a polymer modified, Portland cement based opaque decorative coating designed as an economical method to enhance the appearance of any concrete or masonry surface. Microrender is mixed with water only to produce a tough, durable finish. Microrender can be sprayed, rolled or brushed on to give a slightly textured surface.

Limitations

Do not apply when the temperature, materials or substrates are below 40°F before and for 48 hours after installation. Do not use for installations requiring acid and industrial chemical resistance. Do not apply over 1/4-inch thick in one application. Substrate cracks with movement may telegraph through Microrender installations.

Mixing Instructions

Pour 2 1/2 gal of water into a clean 5 gal pail. Slowly add the 25 lb (5 gal pail) of Premocoat™ Microrender material stirring to avoid lumps. Using a low speed paddle mixer (e.g. 4 blade egg beater style such as Kraft Tools DC716) mix until lump free, about 3-4 minutes. Let stand for 2-3 minutes then remix. Do not add any other material to this mix. If lumps remain, the material may need to be filtered through a paint strainer prior to use. Mix only enough Microrender that can be applied within 30 minutes. In hot weather, it recommended to use cold water. A concrete mixer may also be used. Keeping ambient temperatures and water usage consistent is the key to batch to batch uniformity.

Stain/ Paint Alternative

Surface Preparation

All surfaces must be dry, structurally sound and free of grease, oil, dirt, mildew, dust, wax, curing compounds, paints, sealers, efflorescence and any loose material. Cleaning may be accomplished via mechanical sanding, scraping, power washing or chipping. If surface is cleaned with muriatic acid, it must be thoroughly flushed and neutralized with a solution of baking soda and water. If necessary, re-level or patch small areas up to 1/8-inch thick using Premocoat™ Base mixed to a heavy paste consistency.

Application

Spray applications can be achieved using hopper guns (.027 tip orifice minimum) or airless spray equipment. For airless equipment the tip minimum is 428 to 431. Microrender can also be brushed or rolled on over concrete substrates that are structurally sound. Only one coating is required to achieve an opaque appearance.

Color

When using Premocoat™ Color Pack to add color, pour the contents of the Color Pack into the water first and stir for about 3 minutes until the color is evenly dispersed, then add the Microrender powder and mix until a uniform color is observed.

Coverage

A 25 lb pail typically provides 2,000 sq ft of coverage with one coat. Coverage will vary depending on application technique.

Shelf Life

One year if kept in dry sealed container.

Curing

Microrender is fully cured in approximately 2-4 hours depending on thickness of application and ambient temperature.

Clean Up

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

Caution: May cause eye, skin or lung injury. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for 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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