



Morricite Epoxy Resin Glaze

DESCRIPTION

Morricite Epoxy Resin Glaze #220 is a 100% solids, solventless, high build, two-part epoxy coating. It is a durable, abrasion and chemical resistant floor coating.

Morricite Epoxy Resin Glaze #220, when combined with Color Quartz Aggregate, enhances the appearance of the concrete floor substrate while making the surface easy to clean. It is designed for indoor commercial, industrial and institutional environments where a long-lasting, chemical resistant floor is desired.

ADVANTAGES

- Mixes easily – 2 (two) parts A and 1 (one) part B
- Coatings / clear or pigmented.
- Resistant to chemical attack.
- Quick installation
- Durable and long lasting
- Slurry / Broadcast
- Mortar

SURFACE PREPARATION

The substrate must be clean (free of dirt, dust, paint, grease, oil, rust and other contaminants), sound and durable. New concrete must be fully cured (28 days minimum) and all laitance and curing compounds removed. Suitable preparation methods include grit blasting and scarification. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

TYPICAL PHYSICAL PROPERTIES

@ 75° F (23° C)

| | | | |
|---------------------------|------------------|-----------------------------|---------|
| Mix Ratio A : B: | 2 to 1 by volume | | |
| Pot Life: | 40 – 50 minutes | | |
| Dry to Touch: | 5 – 6 hours | | |
| Tensile Strength: | ASTM D 638 | 4,000 psi | |
| Compressive Strength: | ASTM D 695 | 14,000 psi | |
| Hardness: | ASTM D 2240 | (Shore D) | 75 - 80 |
| Bond Strength: | ASTM D 4541 | > 400 psi | |
| Impact Strength, passing: | MIL D 3134 | no chipping or delaminating | |

SOUND and DURABLE CONCRETE

Sound and durable concrete should be crack free and have a cap pull-off strength of 180 psi per ACI503 R.

CRACKED CONCRETE

Repair cracked concrete with Morricite Structural Epoxy Injection Adhesive or Morricite Non-Sag Epoxy Paste Adhesive per the manufacturer's recommendations.

NOTE: PRIMER recommended on concrete to avoid "out-gassing" (air bubbles) related problems associated with porous concrete.

Morricite Rust Inhibitor Primer is a proprietary formula developed by Master Terrazzo Technologies exclusively for poorly prepared surfaces. It has a long pot life and good blush resistance. It provides good adhesion to concrete and rusty metal. Mix 2 parts resin to 1 part hardener and stir for 3 minutes. This is a very low viscosity, 100 % solids product that can be applied at a rate of 400 sqft. / gal.

SAFETY

For industrial and professional use **ONLY**.

For detailed safety guidelines, please refer to the Safety Data Sheet (SDS)

WARRANTY INFORMATION

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