

Overlay FAQ

What are my Miracote Overlay Options?

- Stamped
- Trowel-Down
- Knockdown
- Stencil/Taped

What are the products called for stamping?

- Mirastamp White Powder, Mirastamp Liquid, Colorpax – LIP for coloring (designed for white mix) and MPC Liquid Catalyst (blended 1:1 with potable water for priming)

What are the products called for Trowel-Down, Knockdown or Stencil/Taped?

- MPC Regular (Gray or White) for bond coat, MPC Smooth (Gray or White) for top coat, both mix with MPC Liquid Catalyst and Colorpax – LIP for coloring (designed for white mix).

How do you recommend prepping a floor for an overlay?

- It is recommended to mechanically prep the floor to a minimum (CSP) concrete surface profile of CSP-4 (for stamped) and CSP-3 (for trowel, knockdown or stencil) or higher is required depending on existing substrate conditions & overlayment requirements.

What options do I have to mechanically prep the floor?

- Sandblasting, Shot blasting, Diamond grinding or other similar and approved mechanical methods.

What condition does the existing floor need to be in?

- Mirastamp or MPC Products must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Tech Guide No. 03732, "Selecting and Specifying Concrete Surface Preparation". Concrete surface must be (SSD) Saturated Surface Dry with no standing water at the time of application.
- *Note: Pay special attention to substrate moisture content, physical content, physical condition of the substrate, method(s) of surface preparation, detailing of cracks, joints, transitions and terminations (cracks, joints must be honored, addressed) and any applicable specifications.*

How do I prime the floor for the stamp mix?

- Using MPC Liquid Catalyst, mix 1:1 with water; apply to floor by rolling or using a SP type sprayer. Coverage will be approximately 400 SF/Gal.

What is the method of mixing & application for the MPC products for the Trowel Down application?

- Mix at a rate of (2) bags MPC Regular/Smooth powder to (1) 5 gallon Liquid Catalyst. Approximate coverage will be 500 square feet per unit at this rate. When using color it is blended with the liquid first, and then this is mixed with the powder. Also, the colors are based on use with the White Powder. The MPC Regular is applied by hand trowel or magic trowel for the base or bond coat. The 2nd coat is generally mixed with the MPC Smooth and is also applied with a hand trowel or a magic trowel. It is recommended for best results to apply the second coat at cross-angles with the first. We recommend two thin coats of sealer.

What is the method of mixing & application for the MPC products for the Knockdown application?

- Mix at a rate of (2) bags MPC Regular/Smooth powder to (1) 5 gallon Liquid Catalyst. Approximate coverage will be 500 square feet per unit at this rate. When using color it is blended with the liquid first, and then this is mixed with the powder. Also, the colors are based on use with the White Powder. For these applications the first coat is generally MPC Regular and may be applied by any of the following methods: hand trowel, magic trowel, squeegee, hopper gun or similar spray method (low pressure 8 – 15 psi).
- **Note:** The recommended nozzle tip size is 8mm or ¼". When applying the 2nd coat with MPC Smooth, it will be applied with a hopper gun or similar spray method. We recommend two thin coats of sealer.

What is the method of mixing & application for the MPC products for the Stencil application?

- Mix at a rate of (2) bags MPC Regular/Smooth powder to (1) 5 gallon Liquid Catalyst. Approximate coverage will be 500 square feet per unit at this rate. When using color it is blended with the liquid first, and then this is mixed with the powder. Also, the colors are based on use with the White Powder. For these applications the first coat is generally MPC Regular and may be applied by any of the following methods: hand trowel, magic trowel, squeegee, hopper gun or similar spray method (low pressure 8 – 15 psi). Note: the recommended nozzle tip size is 8mm or ¼". When applying the 2nd coat with MPC Smooth, it may be applied the same as the 1st coat. We recommend 2 thin coats of sealer.

What is the method of mixing & application for the Mirastamp products for the Stamping application?

- Mix at a rate of (5) bags Mirastamp powder to (1) 5 gallon Mirastamp liquid. When using color it is blended with the liquid first, and then this is mixed with the powder. Yield per unit is 1.85 cubic feet. Coverage rates will be approximately:
 - 89 sf @ ¼"
 - 67 sf @ 3/8"
 - 44.5 sf @ ½"
 - 33.4 sf @ 5/8"
- It is recommended to prime first with a mixture of Liquid Catalyst 1:1 with water. Coverage is approximately 400 sf/gal. This may be rolled or sprayed. To install the Mirastamp product you may use a gauge rake, fresno trowel or a hand trowel in light areas. Use liquid release as you would with stamped concrete. For antiquing, use a liquid antiquing after you have stamped. We recommend 2 thin coats of sealer.