



# ColorPax LIP

## Product Technical Data Sheet

*ColorPax LIP* (Liquid Integral Pigment) is an engineered blend of color admixtures formulated for use with the Miracote cementitious mortars, overlays, microtoppings and protective coatings.

### WHERE TO USE

- Miracote MPC protective coating & microtopping
- Miracote MPC Park Deck
- Mirastamp overlay
- Mirastain
- Miracote One
- Miracote BC Pro
- MiraFlex Membrane C

### ADVANTAGES

- Excellent color uniformity and consistency
- Outstanding UV resistance
- Zero VOC
- Non-hazardous water-based formulation
- Easy clean up
- Long shelf life

### COVERAGE RATES

Refer to specific Installation Guide for the particular Miracote product being pigmented with ColorPax LIP.

### PACKAGING AND COLORS

10 oz. plastic bottles

Colors: Standard, Custom & Safety Colors.

**Standard Colors:** Packaged in cases of six (6) bottles.

For Standard Colors use Miracote Color Chart L-544.

**Custom & Safety Colors:** Packaged as required per order.

### MIX RATIO

Refer to appropriate Miracote Installation Guideline (IG).

### SHELF LIFE AND STORAGE

Shelf life is 4 year from the date of manufacture as long as containers remain unopened and when material is stored in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.

### OVERVIEW OF INSTALLATION

- Thoroughly pre-shake ColorPax LIP by hand.
- Dispense *ColorPax LIP* into the mixing liquid.
- Dip the *ColorPax LIP* bottle mouth slightly into the mixing liquid partially refilling the LIP bottle. Replace the cap and shake the bottle to agitate and mix up any residual pigment remaining in the bottle. Pour contents of bottle into the mixing liquid. Repeat as necessary to assure entire contents of the LIP are dispensed into mixing liquid.

**Note:** This is very important to maintain consistency in color from mix to mix.

- Use a mechanical mixing drill set on slow to medium speed to thoroughly blend the liquid integral pigment into the mixing liquid.
- Avoid working air into the mix.

### FOR BEST RESULTS

- Always install a minimum 4' by 4' test area or job site mock-up for owner approval of acceptable color, texture, finish adhesion and any other critical requirements prior to proceeding with the installation.
- Upon the completion of concrete surface preparation, it is highly recommended to perform in-situ adhesion tests for verification of acceptable substrate tensile strength. Consult ICRI Guideline No. 210.3R-2013 for conducting pull-off tests to evaluate suitable bond of concrete surface materials.
- Prior to application perform concrete surface repair only with MiraPatch pre-packaged repair mortars.
- Verify that the most current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) are being utilized for project submittals and application reference.
- Protect materials at all times from excessive heat and cold.
- Precondition liquids and powders between 55°F(4.5°C) to 80°F(4.5°C) prior to mixing and application.
- Regularly check wet film thickness with mil gauge and monitor product consumption to ensure correct application thicknesses are obtained.
- The proper application of this product is the sole responsibility of the end user. Job site visits by Miracote representatives are only for the purpose of making recommendations. Supervision and quality control are the sole responsibility of the user.
- Measure surface and ambient temperatures to ensure that material is only applied when temperatures are 40°F (4.5°C) and rising during placement and cure time.

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### FOR BEST RESULTS

- As with concrete and other cementitious or masonry products, surface staining and tire marking may occur. Apply a clear film-forming or penetrating sealer to enhance stain resistance, cleanability and minimize tire marking.
- Natural gray and pigmented cementitious coatings may exhibit color variegation due to fluctuating evaporation rates during cure. For better color consistency, apply a topcoat of MiraGard Colorbond or other Miracote pigmented topcoats.
- Condition the concrete substrate with MiraPrime Aqua-Blok XL to minimize the potential for efflorescence migration and mitigate the corrosion of reinforcing steel at a 95% confidence limit as tested per U.S. Bureau of Reclamation M-82 Standard Protocol to Evaluate the Performance of Corrosion Mitigation Technologies.

### LIMITATIONS

- Expect reflection of dynamic cracks and control joints in substrate. Implement detail as per current published installation guidelines (IG's).
- Staining, streaking and efflorescence may occur when fresh coating is exposed to excessive ponding or running water.
- As with all cement-based materials, avoid any contact with aluminum which can cause an adverse reaction due to Miracote MPC's cementitious content. If unavoidable, prime aluminum with MiraPrime Membrane B.
- Concrete structures or elements containing hydrophobic crystalline admixtures may result in substrates that will be difficult to produce acceptable adhesion. Perform in-situ pull-off testing to verify suitable and measurable tensile bond strengths.
- Use extreme caution when resurfacing scaled concrete surfaces in freeze-thaw zones due to the potential for insufficient air-entrainment. These types of unsound surfaces may continue to scale at the bond line due to migration of ground moisture.
- Reported product technical data published in this document is based on controlled laboratory tests conducted in controlled conditions. Actual field installed properties and final appearance may vary due to climatic conditions, mixing and application methods, equipment, application and curing conditions, and independent test methods.
- After a heavy, pro-longed downpour or following pressure-washing operations concrete substrates should be allowed to sufficiently vacate excess moisture prior to proceeding with the application.

### LIMITED WARRANTY

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**CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.**



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**MIR.245**  
**COLORPAX LIP**  
**10-21-2019**