



LIFE PAINT

PRODUCT SPECIFICATIONS



EPOXIES

EPOXY QUARTZ FLOOR

Description: An epoxy floor coating system with ceramic coated colored quartz spread onto an epoxy clear base coat and sealed with a clear coat.

Uses: The Colored Quartz Floor System is designed to be used on showroom floors, restaurant floors, garage floors, recreation rooms, washrooms and kitchens. It is a decorative, durable and chemical resistant coating which makes it perfect for residential, commercial and industrial applications.

Advantages

- Chemical Resistant
- Durable
- Decorative
- High Build
- Seamless
- Easy to Clean
- USDA Approved
- Choice of Colors

Inspection: Surface must be structurally sound, dry and free of oil, grease, curing, agents, dirt, dust or any other foreign material that may prevent proper adhesion. The concrete should be at least 2500 psi and feel like 30-grit sandpaper. The concrete should be porous and be able to absorb water. A minimum of 28 days cured is required on all freshly poured 4 inch thick concrete slabs.

Before Starting Any Flooring Work: Test the existing concrete slab to make sure there is no efflorescence, high levels of alkalinity, and/or high levels of moisture present (greater than 4.5 lbs) in the slab. (If moisture is greater than 4.5 lbs. apply, LD12 Vapor Seal first.) Calcium chloride tests should be conducted to determine if the concrete is sufficiently dry for an epoxy flooring installation in accordance with the latest edition of ASTM F 1869, Standard Test Method for Measuring Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. Failing to adhere to these strict guidelines can result in product delamination, discoloration, blistering, or all together failure of the coating system. Testing is the responsibility of the applicator. Life Paint bears no responsibility for failures due to any of the above conditions.

Surface Preparation: Prepare the surface by sanding, grinding, water blasting, sand blasting or shot blasting. Clean surface entirely with TSP and rinse completely with water several times. Remove mildew or algae using 50/50 blend of household bleach and water, rinse thoroughly. Cracks

should be filled with LD7200 Epoxy Paste according to the manufacturer's instructions. All expansion joints should be honored and filled with LD7200 Epoxy Paste or Gel.

Application: Apply 25-96 clear epoxy at the rate of 300 sq. ft. per gallon. (Be sure to read the Product Data Sheet for application procedures.) Immediately following, broadcast colored quartz to refusal, 1 pound per 2 square feet, into the wet coat of 25-96. (Wear spiked shoes to walk around the floor.) Allow this application to cure a minimum of 4 hours (depending on temperature & humidity) before starting the next application. Once dry, sweep off loose quartz (with clean broom so that quartz may be used again.) Apply second coat of 25-96 at a rate of 200 square feet per gallon. Immediately following, broadcast colored quartz to refusal, 1 pound per 2 square feet, into the wet coat of 25-96. (Wear spiked shoes to walk around the floor.) Allow to dry minimum 16 hours. Once dry, sweep off loose quartz (with clean broom so that quartz may be used again.)

Application Top Coat:

If application is interior:

WATERBASED- Apply 25-96 at a rate of 200-250 square feet per gallon. Apply 2 coats

100% SOLIDS (SOLVENT): LD 3100 Epoxy at approximately 200-250 sq. ft. per gallon. 2 coats.

If application is exterior: (UV Resistant Coatings)

WATERBASED- Apply 2010 at a rate of 200-250 square feet per gallon. Apply 2 coats.

SOLVENT- Apply LD 2003 CRU (Chemical Resistant Urethane) at approximately 200-250 sq. ft. per gallon. Apply 2 coats.

SOLVENT- Apply LD 2009 Polyurea at a rate of 200-250 square feet per gallon. Apply 2 coats.

- Be sure to read individual product info sheets.

Protection of Finished Work: Prohibit traffic on floor for 48 hours after installation. Avoid heavy abrasion and chemical exposure for 5 days.

Limitations

- Do not apply in temperatures below 50° F or temperatures above 95° F.
- For interior use only unless protected by a UV resistant coating.
- Heavier top coat may become slippery.

Clean Up: Uncured material can be removed with a solvent. Cured material can only be removed mechanically.

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Maintenance: Floor should be cleaned with water or a mild, non-filming detergent. For difficult stains, paint thinner may be used without harming the finish. A slip coefficient type wax may be applied periodically to make floor less slippery.

Warranty: Manufacturer shall guarantee that the materials are free from defects and comply with the published specifications. Applicator shall warranty against faulty workmanship for a period to be named on the contract or proposal for the project.

WARNING

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.