



EPOXY PIXELS

EPX Epoxy

100% solids low-viscosity epoxy is designed to be used as a basecoat with metallic pigments or solvent-based tint for a thin-mil solid color floor. This self-leveling epoxy cures with a smooth opaque finish when tinted and offers maximum working time and pot life for infinite decorative effects.

FEATURES AND BENEFITS

- 100% Solids
- Low odor
- Chemical resistant
- Excellent self-leveling properties
- Extended pot life and extended working times

RECOMMENDED APPLICATIONS

- Garage Floors
- Retail Floors
- Production Line Floors
- Cafeteria Floors
- Locker Rooms
- Warehouse Floors
- Clean Rooms and Labs Floors
- Pet Hospitals / Pet Boarding Facilities Floors

PACKAGING INFORMATION

Components	2
Mix Ratio	2 A:1B
(A:B) Solids	100%
Packaging	3-gallon or 15-gallon kits
Coverage	100 -200 square feet per gallon
Colors	Gray and Tan

APPLICATION OVERVIEW

Environment

The surface temperatures must be 5° F above the dew point to prevent condensation. Material, air, and substrate temperature should be between 60° and 90°F

Substrate

The concrete must be structurally sound and free of oil, grease, and other contaminants. The concrete must be prepared to a surface profile of CSP 2 to CSP 3 by diamond grinding or light shot blasting.

Mixing

Part "A" should be mechanically pre-mixed for two minutes before adding Part "B". After adding Parts "A" and "B" together, mix for two minutes. Do not hand mix.

Application

Immediately pour the activated product on the floor. Using a squeegee, pull out the material at the desired coverage rate. EPX Epoxy is best applied with a squeegee followed by a back roll.

Rolling

Using an 18-inch x 3/8" nap non-shedding roller, roll the product in both directions to ensure even coverage.

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PRODUCT LIMITATIONS

Rising Temperatures

Concrete will outgas during periods of rising temperatures. To prevent bubbling, always apply when the application and cure temperatures are constant or decreasing.

Cracks

Moving cracks in the substrate are likely to transfer to the coating unless treated properly.

Moisture

All concrete surfaces should be tested for moisture before applying a seamless coating. Upwards moisture vapor transmission through on-grade (or below-grade) concrete slabs may result in system failure. If moisture emissions exceed 3 lbs./1000 sq. ft./24 hours, the use of a moisture vapor barrier may be required prior to the application of the coating system. Contact PolymerFX Flooring Systems before application.

APPLICATION OVERVIEW cont.

Re-coating

If additional coats are desired, they must be applied within 24 hours after becoming tack-free, or the cured material must be sanded before application.

SAFETY

This product is intended to be installed by experienced professionals. Read the SDS and product label for complete safety information before using. Avoid contact with all materials to prevent irritation. Use with adequate ventilation.

Safety glasses, gloves, and protective clothing should be worn at all times while handling this product. Avoid exposure to eyes and skin as isocyanate resins and amine hardeners can cause mild to severe skin irritation



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PHYSICAL PROPERTIES

Components	2
Mix Ratio	2 Part A: 1 Part B
Solids	100%
Packaging	3-gallon or 15-gallon kits
Coverage	Primer /Base 100-200 sq.ft./gallon Build coat 100-200 sq.ft./gallon

Cure Rate (70°)

Pot Life	40 Minutes
Induction Time	None
Foot Traffic	12-18 hours
Vehicle Traffic	36-48 hours
Max Re-Coat	24 hours
Full Cure	7 days

UADA: Food & Beverage Meets requirements

Shelf Life 12 months

MAINTENANCE

Do not wash the floor within seven days of installation. Exposure to water before the floor is completely cured may dull the finish. Damp mop as needed using clean, warm water and a mild detergent or de-greaser. Rinse thoroughly to avoid leaving residue. When using a new cleaner for the first time, test clean an inconspicuous area to ensure compatibility with the floor.

STORAGE

Store material in a cool, dry location away from flames. When stored properly, the shelf life will be a minimum of 1 year.

PERFORMANCE PROPERTIES

Adhesion

ASTM D-4541 >450 psi (concrete failure)

Hardness

ASTM D-2240 75 Shore D

Max Service Temperature 150° F

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WARRANTY

The technical data and any other printed information furnished by Valence Supply is true and accurate to the best of our knowledge. This product conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications for this product, it is impossible to assume responsibility for any errors in regard to application, storage conditions, coverage, workmanship, over-spray, or injuries resulting from the use of this product. Liability, if any, for this product will be in the form of replacement materials provided the product was stored correctly and applied during the shelf life. The possibility exists to warrant this product on a specific application basis under specific written application instructions from Valence Supply.