



TECHNICAL DATA SHEET

EPX-60^{WB}



FLOOR COATINGS

WATER-BASED EPOXY COATING

EPX-60 WB is a two-component, water-based epoxy coating designed for use as a coating on concrete surfaces. This system is very low odor, and contains less than 50 g/L VOC's. EPX-60 WB is formulated for use in high-traffic areas and industrial flooring applications including warehouses, garages, and manufacturing areas to be applied directly to concrete. It is also mold and mildew resistant.

APPLICATIONS

With proper surface preparation, EPX-60 WB can be applied over existing coatings or concrete. EPX-60 WB is offered in tinted versions using high-quality pigments with precision color matching. Uses include:

- Warehouses
- Manufacturing
- Educational
- Pharmaceutical
- Garages
- Laundry Areas
- Hospitals
- Clean Rooms

ADVANTAGES

- Low VOC's
- High-solids high performance
- High gloss, low odor
- Good chemical resistance
- High mold and mildew resistance
- Excellent abrasion resistance
- Available in various color options

PHYSICAL PROPERTIES

Working Time	45-50 mins
VOC Content (A & B)	<50 g/L
Mix Ratio	3:1 (B:A)
Coverage Rate	200-250 sq ft/gal
Specific Gravity	
Side A:	1.14 ± 0.1
Side B:	1.01 ± 0.1
Recoat Window	10-24 hours
Light Traffic	16 hours
Full Cure	5-7 days

Available in

- 1-gallon Kit
- 4-gallon Kits

Shelf Life

1 year in original unopened container.

Storage Conditions

Recommended storage temperature is between 75°F to 85°F. Do not store below 55°F or above 85°F.

Consistency

Pourable, self-leveling liquid.

Pot Life

Approx. 45-50 minutes (at 72°F)

Appearance

Clear

EPX-60 ^{WB}

EPOXY TOPCOAT



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MATERIAL COVERAGE PER GALLON

Coverage rate will vary based on concrete porosity, finish and environmental conditions. Typical installations will yield 200-250 sq ft per gallon.

SURFACE PREPARATION

Concrete surfaces must be properly prepared using mechanical grinding or shot blasting, clean and dry.

Existing Coating

Thoroughly sand with 120-320 grit paper and clean to ensure a strong bond between coats. After sanding, vacuum thoroughly to remove any dust, dirt, or debris. Do not use water to clean a floor prior to application.

Acid-stained Concrete

Follow acid stain manufacturer procedure for cleaning and neutralization before applying.

Bare Concrete

Concrete must be mechanically ground or shot-blast to a profile resembling ICRI-CSP2-3. The concrete must be at least 28 days old and dry. For higher film build, a primer application using 100% solids epoxy is preferred before applying as a top-coat.

APPLICATION RECOMMENDATIONS

Ensure the surface is clean and thoroughly dried. EPX-60 WB has a low viscosity and is easy to apply over prepped concrete with a squeegee or roller. A 1/4" nap roller is recommended to minimize air entrapment and orange-peel.

Using acetone or MEK, clean rollers and tools. Recoat time is 8 hours after initial coat.

This product is best applied at a temperature range of 50°F to 85°F, with humidity at 20% to 60%. EPX-60 WB is sensitive to excess substrate moisture content. The substrate moisture vapor emission rate must not exceed 3 lbs./1000 sq.ft. over a 24 hour period as tested using the calcium chloride test, ASTM F1869. If using a moisture testing meter, the moisture reading must not exceed 5%.

LIMITATIONS

This product is sensitive to moisture, alcohols, and liquid epoxy materials. Contamination with alcohols such as isopropyl alcohol (IPA), benzyl alcohol will cause product failure, foam, and excessive heat while mixing and applying. Contamination with liquid epoxy materials will also cause excessive heat and product failure. Do not re-use previously opened containers. It is not recommended this product be

transferred to another container before mixing.



FIRST AID

Remove contaminated clothing. If Inhaled: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. If on the skin: Wash affected areas thoroughly with soap and water. If in the eyes: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Obtain medical attention.

WARRANTY

HTS warrants its products to be free of manufacturing defects will meet current published physical properties when applied in accordance with HTS directions and tested in accordance with ASTM and HTS standards. There are no other warranties by HTS of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. HTS shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, including any warranty of merchantability or fitness for a particular purpose or from any other cause whatsoever.