



## TECHNICAL DATA SHEET

# PMR-60<sup>WB</sup>



## FLOOR COATINGS

### WATER-BASED EPOXY PRIMER

EPX-60 WB is a two-component, water-based epoxy designed for use as a primer on concrete surfaces. This system is very low odor, and contains less than 50 g/L VOC's. PMR-60 WB is formulated to be applied directly to concrete to seal the porosity of concrete and promote superior adhesion with subsequent coatings. It is also mold and mildew resistant, ideal for scenarios where concrete may be prone to slight moisture content or humidity.

#### APPLICATIONS

PMR-60 WB is designed for industrial floor applications to be applied directly to concrete floors, or to be used as a primer. It is produced using the latest technology in curing agents and epoxy raw materials that are readily available in the United States. Durable high-quality pigments are used to produce the standard colors with precision color matching. All products are approved by Quality Control before packaging. With proper surface preparation, PMR-60 WB can be applied over existing coatings or concrete. Uses include:

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

#### 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          |
| Mix Ratio     | 3:1 (B:A) by Volume |
| Coverage Rate | 200 sq ft/gal       |
| Recoat Time   | 8 hours             |
| Light Traffic | 16 hours            |
| Heavy Traffic | 48 hours            |
| Full Cure     | 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

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#### MATERIAL COVERAGE PER GALLON

Coverage rate will vary based on concrete porosity, finish and environmental conditions. Typical installations will yield 150-250 sq ft per gallon.

#### SURFACE PREPARATION

Concrete must be mechanically ground or shot-blast to a profile resembling ICRI-CSP2-3. The concrete must be at least 28 days old.

#### APPLICATION RECOMMENDATIONS

Ensure the surface is clean and thoroughly dried. PMR-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%. PMR-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.