

PRIMER WB

LOW VOC WATERBASED EPOXY PRIMER/SEALER

DESCRIPTION

Primer WB is a low odor, low V.O.C. two component waterbased epoxy Primer/Sealer that provides maximum adhesion and coverage of coating products on concrete, wood, tile and other porous substrates. Ideal for kitchens, hospitals, beverage plants, and places sensitive to odors during application.

Primer WB is easy to handle and apply. It dries quickly and promotes good intercoat adhesion to any topcoat.

SURFACE PREPARATION

Primer WB should be applied to clean dry surfaces. Slightly damp surfaces are acceptable provided the substrate will not remain wet.

Concrete:

New concrete should be properly cured for thirty days. After proper curing, remove contaminants such as laitance, curing membranes, surface hardeners, and greases and oils. Floors should be swept clean to promote good adhesion of the coating system. An appropriate profile must be created using chemical or mechanical means. The preferred method to prepare concrete floor surfaces is by mechanical means with a portable shot blast cleaning machine. Chemical cleaning of laitance and attached particles can be removed by etching the surface with muriatic acid or a suitable buffered acid solution. Follow acid manufacturer's safety instructions.

PROPERTIES

VOC

- 0.83 lbs per gallon
(100 grams/ liter)

Volume Solids

- 40%

Dry Time

- To Recoat
6 hours @ 70°F (21°C)

Potlife

- 2 hours @ 70°F (21°C)

Mix Ratio

- 3 to 1 by volume

Estimated Coverage

- 320 sq.ft./gal. – roller
(2 mil DFT/5 mils WFT)

Weight per Gallon

- 8.8 lbs./gal.

Flash point

- None

Packaging

- 1 Gallon Kit

After the acid has finished reacting with the concrete remove residue with a water rinse or preferably by power washing. Allow the surface to completely dry. For aged and old concrete floors proceed as above while focusing on grease, oil and chemical contamination, then follow with adequate cleaning.

NOTE: Acid etching will not remove oil, grease or wax. If the acid does not bubble or foam when spread on the concrete, the surface should be examined for films of oil, grease, wax, curing membranes, hardeners or other sealers. These materials must be removed to properly etch the surface.

PREVIOUSLY PAINTED SURFACES

The adhesion of applied coatings over previously painted surfaces is directly influenced by the type, age and condition of the old coating. Hard or glossy paints must be dulled by sanding, abrasive blasting or other abrasive methods to promote maximum adhesion. A test patch should be applied to check for lifting or wrinkling of the old coating. If wrinkling or lifting occurs after overnight drying, remove the old coating.

WOOD FLOORS

Weathered wood should be removed or waterblasted to expose a clean solid substrate. Smooth wood should be sanded to ensure proper bonding.

TILE AND FIBERGLASS

Glazed or ceramic tile and fiberglass must be sanded to remove all glaze to ensure a good mechanical bond. Remove any residual sanding dust by air blowing or wiping with alcohol.

APPLICATION

Apply when surface and ambient temperature are above 50°F (10°C) and the material temperature is above 60°F (15°C). Application not recommended at temperatures over 120°F. Surface to be painted must be at least 5°F (3°C) above the dew point.

Primer WB is a two-part compound. Pour the hardener into the base container Thoroughly mix contents preferably with a mechanical mixer such as a drill motor with a Jiffy mixing blade until mixed material assumes a uniform color and appearance (approximately three to five minutes). **THINNERS ARE NOT TO BE ADDED.**

Apply by using a short nap mohair type roller or brush. Primer can be sprayed by airless, air assisted or conventional paint spray equipment. Allow primer to dry 6 hours at 70°F (21°C) before topcoating.

Primer WB should be applied to a minimum 2-3 mils (50-75 microns) dry film thickness. Primed surfaces may be left exposed for up to 7 days. If top coating is delayed more than 7 days, the area, after cleaning, should be brush-blasted and primer reapplied. Clean tools and spray equipment immediately after completing installation using soap and water.

IMPORTANT

Do not use mixed material after its 2 hour pot life as it will not cure properly. This product does not harden in the can after mixing.

Primed surfaces should be protected from contamination. Protect and mark areas to prevent any foot or rolling traffic. Should the surface become contaminated prior to coating, clean the area before topcoating.

CAUTION

Read Material Safety Data Sheet before using this material.

Contains Solvent. Use only with adequate cross ventilation. Keep away from extreme heat, sparks and open flame. Avoid prolonged breathing of vapors. For dizziness, seek fresh air.

Avoid contact with skin. Use gloves, goggles and coveralls. In case of spillage on clothing, change clothing to prevent prolonged contact with skin. Wash contaminated clothing before reuse. Discard contaminated shoes. In case of accidental contact with skin, wash immediately with soap and water. In case of eye contact, flush thoroughly with plenty of water and call physician. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately.

The user of this product is responsible for making its own evaluation and tests regarding the capabilities, safety, utility, suitability and application of the product, and assumes all risks and liabilities resulting from the use or application of the product, whether used alone or with other products. The COMPANY warrants only that the product conforms to the specifications contained in product Technical Data Sheets published by the COMPANY, a copy of which is available to the user. If the product fails to conform to this warranty, the user shall return the product within 10 days of the purchase date with a note specifying the defect and the COMPANY will either replace the product or at its option, return the purchase price. EXCEPT AS EXPRESSLY PROVIDED IN THIS PARAGRAPH, THE COMPANY MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, NATURE OR DESCRIPTION, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND HEREBY DISCLAIMS THE SAME. In no event shall the COMPANY be liable to the user of this product, whether in contract or in tort or under any other legal theory (including, without limitation, negligence), for damages which exceed the purchase price of the product, or for any indirect, incidental, consequential or similar damages, arising out of sale, use or application of the product, or for any claim made against the user by any other party, even if the COMPANY has been advised of the possibility of such claim.