

PRODUCT DATA

Epoxy Primer WB

EPOXY PRIMER WB is a multipurpose waterborne primer and sealer, based upon a unique chemistry that aids the application of other products, including resurfacers, liners, and coatings to green concrete. Epoxy Primer WB is applied to eliminate the conventional 28 day cure time by deeply penetrating into the pores of the fresh concrete surfaces and bonding securely to the concrete as well as the overlayment. This primer/sealer provides substantial savings in both cost and downtime. Epoxy Primer WB is an ideal substitute for curing compounds, hardeners or sealants for new concrete because it prevents the rapid dehydration of new concrete and eliminates concrete dusting, resulting in a better cure and higher concrete strengths.

FEATURES:

- Fast curing
- Adheres to damp concrete or masonry
- Can be used with additional toppings
- Eliminates concrete dust
- Eliminates the 28 day concrete cure time
- Good resistance to common chemicals
- Prevents shrinkage cracks
- Minimal odor
- Reduces downtimes and construction time
- Improves concrete strength
- Can be applied over asphalt
- Roller, brush or spray application

APPLICATIONS:

- Immediate overlayment of new concrete surfaces
- Wall board sealant
- Sealing new or old concrete floors
- Substitute for concrete curing compounds
- Primer for coatings on new concrete
- Eliminating flash rusting of steel
- Strengthening existing concrete
- Over new cementitious grouts or caps used to pitch grade or fill existing surfaces

PHYSICAL AND CHEMICAL CHARACTERISTICS:

Thickness: 6.4 mils wft (wet film thickness)
	3.2 mils dft (dry film thickness)
Viscosity: 700 cps. at 25°C/77°F
Weight per Gallon: 9 lbs.
Flash Point: closed cup: 66°C/150°F minimum
Cure Rate (at 25°C/77°F): 6 hours tack free
	24 hours hard and dry
Service Time: 5-7 hours
Coverage: 250 sq. ft. per gal.
Pot Life: 45 min. at 77°F

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PACKAGING: 1.5 gallon units. Part A is packaged in a metal pail, Part B in a plastic jug. 15 gallon units available on special order.

PREPARATION: (See SDS Sheet Before Using)

For new concrete: use standard with Portland cement (type 1) or high early strength (type 3) concrete without additives, hardeners, curing agents or sealers. Surface must be set so it can be walked on (usually overnight) and must be free of surface dirt, oil spills, etc. before application.

For existing concrete: clean and prepare the concrete by mechanical means and/or acid-etching until all foreign matter has been removed. A rough surface is desired to provide an effective bonding profile. Sweep out, vacuum or absorb any standing water. A damp surface is acceptable, however standing water will prevent penetration of the material.

MIXING: Mix the material by combining 1 Part A (Resin) to 2 Parts B (Hardener). The volume ratio is 1 part resin to 2 parts hardener (i.e. combine ½ gal. of Part A with 1 gal. of Part B). Mix thoroughly for three minutes with mixer. Once thoroughly mixed to a uniform consistency, the material must stand for 15 minutes (induction time) before using.

APPLICATION: Following the induction time, pour the material onto the surface in a ribbon about 8 to 10 inches wide along the starting edge of the wall. Roll, brush or squeegee the primer out over the surface to a thin coat of about 3 mils wet film thickness. When overlaying with floor resurfacers, linings or coatings, allow the primer to cure to a tack free finish (generally 6 hours at 77°F, longer at lower temperatures).

POT LIFE: Mixed components have a pot life of 45 minutes at 77°F.

TEMPERATURE LIMITATIONS: During the installation and cure, maintain surface temperatures between 60°F and 80°F. Lower temperatures will affect cure time.

STORAGE AND SHELF LIFE: Materials should be stored at room temperature (75°F). Stored at room temperature in unopened original containers, materials have a 1 year shelf life.

PRECAUTIONS: READ AND UNDERSTAND ALL CONTAINER LABELS AND SAFETY DATA SHEET (SDS) before using any product. Contact with liquids Part A and Part B can cause irritation. Wear protective clothing. Cover hands with protective gloves. Wear chemical splash goggles. Use only with adequate ventilation. **Never recap a container of mixed material as the continuing reaction may cause an explosion.**

ADDITIONAL INFORMATION: For complete safety information refer to the material SDS. For additional information, contact us at 888-809-2365.

LIMITED WARRANTY: Product manufacturer warrants that the products are in conformance to the formulation standards of manufacturer and that such products are free from manufacturing defects. Purchaser's only remedy is replacement of the product. Manufacturer does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Manufacturer be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties express or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Manufacturer's part. Manufacturer neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Manufacturer's products. This warranty shall not apply to any of Manufacturer's products which have been subject to alteration, abuse or misuse. Manufacturer makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Manufacturer which are used in connection with its products. The purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages.

CAUTION: Always keep out of the reach of children.

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