



ANCHOR BOND® W.B. EPOXY PRIME/SEAL (CLEAR)

PRODUCT DESCRIPTION:

Anchor Bond® Water Based Epoxy Prime/Seal is a two component water based epoxy coating that exhibits excellent characteristics that rival solvent based products. Anchor Bond® Water Based Epoxy Prime/Seal has superb chemical resistance, abrasion resistance and substrate penetration.

RECOMMENDED FOR:

- ▶ General warehousing
- ▶ Dry storage areas
- ▶ Garages

SUBSTRATE:

Recommended for priming or coating concrete, wood or masonry. This product can withstand exposure to many common solvents and chemicals. Typically installed in two coats.

SOLIDS BY WEIGHT:

54% (+ - 2%)

SOLIDS BY VOLUME:

42.7% (+ - 2%)

COLORS AVAILABLE:

The clear (gardner 11) is not water clear and is not suitable for topcoating over previously color coated floors. The clear is suitable as a primer or concrete sealer only.

FINISH CHARACTERISTICS:

Satin Gloss (40-80 at 60° @ Erichsen glossmeter)

MIX RATIO:

1 Part A / 3 parts B (by volume)

RECOMMENDED THICKNESS / YIELD:

267 sq. ft /gallon @ 6 wet mils thickness

PACKAGING INFORMATION:

1 gal kits
4 gal kits

STORAGE CONDITIONS:

Store all components in a dry area, in temperatures between 60 – 90 deg. F. Avoid excessive heat and do not freeze.

SHELF LIFE:

Three (3) years in the original, unopened container.

CHEMICAL RESISTANCE DATA

REAGENT	RATING
acetic acid 5%	B
xylene	B
mek	A
gasoline	B
10% sodium hydroxide	C
50% sodium hydroxide	B
10% sulfuric acid	B
10% hydrochloric acid	B
20% nitric acid	A
ethylene glycol	C

Rating key:

- A – not recommended
- B – 2 hour term splash spill
- C – 8 hour term splash spill
- D – 72 hour immersion
- E – long-term immersion

TOPCOAT:

Optional – Many products are suitable as topcoats including multiple coats of this product. For added chemical resistance or UV stability, topcoat with a suitable urethane.

CURE SCHEDULE:

Pot life (1 gallon volume)	35-45 minutes @ 70° F
Tack free (dry to touch)	5-8 hours @ 70° F
Recoat or topcoat	7-10 hours @ 70° F
Light foot traffic	12-24 hours @ 70° F
Full cure (heavy traffic)	2-7 days @ 70° F

SYSTEM OPTIONS:

Anchor Bond® Water Base Prime/Seal can be used as a base coat where multiple layer applications are required. Typical usage is for anti-dusting coating and as a base to which texture can be added for garage and service center applications.

ANCHOR BOND® W.B. EPOXY PRIME/SEAL (CLEAR) MIXING AND APPLICATION INSTRUCTIONS

1) PRODUCT STORAGE:

Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60° and 90°F. Keep from freezing.

2) SURFACE PREPARATION:

Surface preparation will vary according to the type of complete system to be applied. For a one or two coat thin build system (3-10 mils dry) we recommend acid etching until a suitable profile is achieved. For a complete system build higher than 10 mils dry, we recommend a fine brush blast (shot blast). All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'x4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbonding. However, this product can be applied to a damp floor as long as there are no standing puddles.

3) PRODUCT MIXING:

This product comes pre-packaged by weight. Kits should be mixed in their entirety. If partial kits are to be used, refer to the front of this technical data for proper weight mix ratios. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. This product is an emulsion product and should be mixed well before using.

4) PRODUCT APPLICATION:

The mixed material can be applied by brush, roller or spray. Maintain temperatures within the recommended ranges during the application and curing process. Apply material with relative humidity within the parameters shown on the technical data. When the end of the pot life has been reached, you will find that the material becomes hard to apply and will actually tend to roll back up onto the roller. Do not try to continue application when the coating has reached this step. Applications made at different times with differing environmental conditions, may show slight variations in gloss.

5) RECOAT OR TOPCOATING:

If you opt to recoat this product, you must first be sure that all of the solvents and water have evaporated from the coating during the curing process. The information on the front side are reliable guidelines to follow. However, it is best to test the coating before recoating or topcoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat or topcoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating or topcoating can commence. Before recoating or topcoating, check the coating to insure no epoxy blushes were developed (a whitish, greasy film or deglossing). If a blush is present, it must be removed prior to topcoating or recoating. A standard type detergent cleaner can be used to remove any blush. Many epoxy overlays and coatings as well as urethanes are compatible for use as a topcoat for this product as well as multiple coats of this product.

6) CLEANUP:

Use xylol

7) FLOOR CLEANING:

Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

8) RESTRICTIONS:

Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our product is manufactured to the specifications as stated here or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Uncured epoxy resins, polymers and their curing agents may be ALKALINE, TOXIC OR BOTH, DEPENDING ON THE PARTICULAR SYSTEM. THEY MAY CAUSE ALLERGIC REACTIONS OR HYPERSENSITIVITY REACTIONS. BEFORE USING ANY MATERIAL, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.