



Primer Plus Water Based Epoxy

TECHNICAL

2 Component – 4 Part A to 1 Part B

DATA SHEET



Amber Clear, Black, & other custom colors available!!
Call for Details (585) 254-2010

PRODUCT DESCRIPTION:

- ❶ Clear Primer for all systems
- ❷ Amber Clear Coat for over Stains/Dyes
- ❸ Pigmented for indoor area(s), where solvents could be a problem

Primer Plus Epoxy is a two component, 45% (Clear), 53% (Colored) solids epoxy seal coat that is available in either as a clear or colored water-based formulation that can be used as a primer for most systems or standalone clear coat. We use this as a primer for all our flooring systems. It is an in-expensive, easy to use primer that absorbs & creates an amazing bond to assure you have a strong foundation. We also use it as a clear coat over stains & dyes! It is an Amber Clear, so be sure to do a sample!

Recommended Area(s):

- Food Manufacturing
- Garage Floors
- Restrooms
- Hallways
- Clean Rooms
- Auto Showrooms
- Kennels
- Basements
- Loading Docks
- Medical Facilities

Product Data

Mix Ratio: 4 Parts A to 1 Part B

Solids: by weight-45% (Clear), 53% (Colored) | by volume-36% (Clear), 41% (Colored)

Coverage: 229 to 320 SF Per Gallon 5 to 7 mils wet thickness

Application Temperature: 55 to 90° F

Pot Life: 60 to 90 Minutes @70°F (1-gallon volume)

Dry to Touch: 5 to 8 hours @ 70°F

Full Cure (normal traffic): 2 to 7 days @ 70°F

Advantages of our Primer Plus Epoxy

- Superior Adhesion Strength
- Minimal Odor, Water-Based
- Good Color Stability
- Excellent Stain-Gloss
- Absorbing Primer or Clear 1st coat
- Easy to Use
- Multiple Uses

Physical Properties

Property	Value	Reference
Finish Characteristics	Satin Gloss	40-80 at 60 Degrees/Glossmeter
Adhesion	425 PSI	Concrete fail, no delamination
Taber Abrasion	54 mg loss	CS-17, 1000 gram load, 500 cycles

www.EpoxyNation.com



MADE IN USA

Kit Packaging Sizes Available:

1 Quart Kit | 1 Gallon Kit | 2 Gallon Kit | 5 Gallon Kit

(all kits come with the proper Part A to Part B Ratio)

HAVE QUESTIONS ON PRICING, TECHNICAL DATA, SALES, OR ANYTHING AT ALL, CALL BEFORE YOU TAKE ACTION! (407) 230-4482 | WWW.EPOXYNATION.COM

MIXING AND APPLICATION INSTRUCTIONS (PRIMER PLUS EPOXY)

- 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 degree F. Low temperatures or temperature fluctuations may cause crystallization.
- 2) SURFACE PREPARATION:** New Concrete Surfaces should be allowed to cure for a minimum of 28 days prior to coatings. The most suitable surface preparation would be a fine brush blast (shot blast) to remove all laitance and provide a suitable profile. All dirt, foreign contaminants, oil and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete is dry; 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 is dry enough to start coating. The plastic sheet testing is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbanding.
- 3) PRODUCT MIXING:** This product has a mix ratio of 4 part A to 1 part B. Standard packages are in pre-measured kits and should be mixed as supplied in the kit. We highly recommend that the kits not be broken down unless suitable weighing equipment is available. 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. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix. The material in the transfer pail is now ready to be applied on the primed substrate. Improper mixing may result in product failure.
- 4) PRIMING:** No primer is required for this product.
- 5) PRODUCT APPLICATION:** The mixed material can be applied by brush or roller. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off to remove the air entrapped in the coating.
- 6) RECOAT OR TOPCOATING:** If you opt to recoat or topcoat this product, you must first be sure that the coating has tacked off before recoating. Always remember that colder temperatures will require more cure time for the product before recoating or top coating can commence. Before recoating or top coating, 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 top coating or recoating. Many epoxy coatings and urethanes are compatible for use as a topcoat for this product as well as multiple coats of this product.
- 7) CLEANUP:** Use xylol.
- 8) FLOOR CLEANING:** Caution! Some cleaners may affect the color. Test each cleaner in a small area. If no ill effects are noted, you can continue to clean with the product and process tested.
- 8) RESTRICTIONS:** Color or gloss may be affected by humidity, low temperatures, chemical exposure or sodium vapor lighting, Product will yellow in the presence of UV light, For best results use a 1/4" or 3/8" nap roller, Slab on grade requires moisture barrier, Substrate temperature must be 5°F above dew point, All new concrete must be cured for at least 30 days, Product color will vary from batch to batch. Use only product from the same batch for an entire job, Improper mixing or too thick of an application may result in product failure, Light or bright colors (white, safety colors etc.) may require multiple coats or a topcoat to achieve a satisfactory hide, depending on the substrate, Physical properties listed on this technical data sheet are typical values and not specifications.

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

We warrant that our products are manufactured to strict quality assurance specifications and that the 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. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. 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 MERCHANTABLE 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. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM. **KEEP OUT OF REACH OF CHILDREN**