



PRIME-X SYSTEM 100

PRIME-X HIGH SOLIDS POLYAMIDE EPOXY PRIMER SYSTEM

Prime-X Low Odor Epoxy Primer White is a high-solids two component polyamide cured epoxy primer that is fast drying with excellent build properties, water, chemical, and abrasion resistance. This product was designed for bathtubs, tile, and countertops, but can be used as a basecoat in other areas requiring a high-performance adhesion performance. The low odor of this product presents a more user-friendly atmosphere for the applicator.



USES

Used for reglazing bathtubs, ceramic tile, fiberglass, acrylic, cast iron or pressed steel surfaces, etc.



PRECAUTIONS

PLEASE READ CAREFULLY
BEFORE STARTING PROCEDURE



PREPARATION

The surface must be dimensionally stable, dry, clean and free of oil, grease, and any other surface contaminants. Sand or etch surface prior to application



APPLICATION

Product can be applied by brush (China Bristle Brush), or by Roller using a 3/16", 1/4" or 3/8" NAP high quality roller with vinyl phenolic core roller, or by HVLP or airless sprayer. Preferred method is 5 - 9.5psi HVLP sprayer with a 1.2 - 1.8mm Fluid set. Coverage 600 - 700 sq. ft



MIXING: 1:1 RATIO

Shake both resin and catalyst well for 1 minute prior to blending to ensure proper solids distribution. Then stir together again 1 minute to ensure both parts create a homogenous mixture. Reduce as needed.

READ MORE FOR:



PRODUCT DATA



PRIME-X SYSTEM 100

**USES:**

Prime-X Low Odor Epoxy Primer is an excellent ultra-performance epoxy primer system that is designed as a water resistant basecoat for refinishing and reglazing bathtubs, ceramic tile, fiberglass, acrylic, cast iron or pressed steel surfaces. It offers the ability to build and level surfaces and cover imperfections. Great as an intermediary coat between Isocyanate-free coatings and bonding agents.

**SURFACE PREPARATION:**

Surface preparation is one of main determinants for coating success. The surface must be dimensionally stable, dry, clean and free of oil, grease, and any other surface contaminants. Sand surfaces with 80 - 220 grit sandpaper for resinous surfaces (fiberglass or acrylic) or etch, nano-etch, or use approved bonding agent. For additional substrates please contact technical support.

**MIXING: 1:1 MIX RATIO**

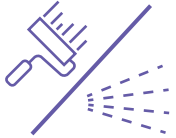
Prime-X system is designed to be used at a ratio of 1 part Prime-X Resin (Part A) to 1 part Prime-X Catalyst (Part B). Shake both resin and catalyst well for 1 minute prior to blending to ensure proper solids distribution. Then stir together again 1 minute to ensure both parts create a homogenous mixture. Reduce between 20% - 30% with Prime-X Low Odor Premium Reducer (Part C) or as spray equipment requires. Product temperature should be a minimum of (60° F) degrees prior to mixing. If required, warm-up product in hot water prior to intermixing. No induction time is necessary as it's a mix and use product.

If topcoat is not applied within 36 hours, abrade the surface to ensure proper inter-coat adhesion with 220 grit sandpaper.

For spraying a standard size bathtub mix as follows: (8 oz resin to 8 oz catalyst to 3 - 4 oz reducer)



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Nominal Preferred Fluid Needle and Nozzle Set size is 1.4mm (0.05"). Wagner #3, Graco #3, American Turbine 1.4mm. Aircap pressure range 4.25 - 10psi to keep overspray to a minimum.

1. Apply a tack or medium base coat and wait for 5 - 7 minutes for flashout. Air drying is not necessary or recommended.

2. Then apply a 2nd medium build coat for complete coverage and hiding. Wait 7 - 10 minutes prior to top coating. Air drying is not necessary or recommended as primer dries quickly to the touch.

NOTES:

If additional coats are desired for building wait 7 - 10 minutes between successive coats to prevent solvent popping. If more than 4 coats are applied, wait 20 minutes after last coat before top coating.

SPOT PRIMING:

In some cases, surface defects may be present even after surface filling. If deep scratches are present, spot prime these areas as your first coat, then wait 5 minutes and continue with your build coats as normal.

NON-SLIP AGGREGATE:

If rolling, do not reduce. Apply 1 coat only using foam roller or preferably a 3/16", 1/4" or 3/8" Nap Mohair Roller with solvent resistive core. Add 1 - 3 tps non-slip aggregate to 3 ounces of mixed primer (1½ oz of resin to 1½ oz of catalyst).



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**PRECAUTIONS:**

In general, avoid application if surface temperature falls below 50°F or when dew is present on the surface. Keep the product from freezing. Keep out of reach of children. Refer to the Safety Data Sheet (SDS) of this product for complete health and safety information. The suitability and or functionality of this product is the direct and sole responsibility of the professional applicator and or installer of this product. Always rotate your stock.

**PRODUCT DATA:**

PROPERTY	ACTUAL VALUE	TEST METHOD
Density (Resin Part A)	10-12 lbs/gal	ASTM D-792
Density (Curative Part B)	9-11.5 lbs/gal	ASTM D-792
Gloss (60°)	<10	ASTM D-523
Mixed Viscosity	87-92 KUs	ASTM D-562
Fineness of Grind (Hegman)	5	ASTM D-1210
Color	White and tints	Visual
Dry Time Dust Free	5 minutes	ASTM D-1640
Dry Time to Re-Coat	5-10 minutes	ASTM D-1640
Pot Life	2-4 hours	ASTM D-2471
Mix Ratio 1:1	Reduce 20 - 30% by Vol.	
Coverage: 600 - 700 sq. ft. at 1 mil DFT	Application Rate: 2 to 4 mils DFT	VOC: Limit of 340 g/l