Water Prime™ TECHNICAL DATA

Water Based Epoxy

Epoxy Sealer
Epoxy Primer

Nor for sale in Southern California
User Friendly
Water Clean up
No Need to Topcoat
VOC Class: Primer VOC - 122 g/l

STANDARD PRODUCT **DESCRIPTION**	Water Prime is a two part, gray tinted, water based (contains some solvent) epoxy used to waterproof/seal and prime non-metallic surfaces, common wood, plywood or concrete. Unlike traditional epoxies, Water Prime applies more like latex paint, including water clean-up of brushes/rollers or other tools. Mix ratio is 4:1 by volume. Because it is water based, pot life is long. For waterproofing, 2 coats are necessary. Wtem.hile the epoxy will yellow slightly in sunlight, Water Prime need not be top coated and can serve as a one coat sy This product is not Southern California VOC compliant and cannot be sold in those counties.
USES	Concrete, wood, or masonry primer and sealer.
CURE SCHEDULE	Pot Life (1 gallon volume) ..... 1.0 - 1.5 hours @ 75° F Tack Free (dry to touch) ..... 5 - 8 hours Recoat or Topcoat ..... 7 - 10 hours Full Cure ..... 2-7 days @ 75°F
PHYSICAL PROPERTIES LIQUID FORM	COLOR ..... Gray MIX RATIO ..... Colors - 4:1 by volume (8.55 lbs/1.75 lbs by weight) SHELF LIFE ..... 1 year in unopened containers ADHESION ..... 425 psi @ elcometer (concrete failure, no delamination) IMPACT RESISTANCE. ..... Gardner Impact, direct = 50 in. lb. (passed) VISCOSITY. ..... Mixed = 900-1200 cps (colors) (typical) SOLIDS BY WEIGHT ..... Mixed = 53% (colors) (+,- 2%) SOLIDS BY VOLUME ..... Mixed = 41% (colors) (+,- 2%) VOLATILE ORGANIC CONTENT ..... Colors = 1.01 pounds per gallon (mixed) COVERAGE PER GALLON ..... Approximately 200 square feet APPLICATION TEMPERATURE ..... 55 - 90 degrees F with relative humidity below 75% TOPCOAT ..... Optional - Many products are suitable including multiple coats of this product. STORAGE ..... DO NOT FREEZE. Store at room temperature (60 - 90°F).

MULTI-VENDOR EPOXY SOLUTIONS

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CHEMICAL RESISTANCE

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

Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term immersion.

SURFACE PREPARATION

All dirt, foreign contaminants, oil contamination and laitance must be removed to assure a trouble free bond to the substrate.

APPLICATION

Thoroughly mix the two components using the mix ratio specified on the front of this sheet. Water Prime is an emulsion product and should be mixed well before, especially along the bottom and sides of the mixing container. Mix only an amount of material that can be used in the allotted pot life period. Improper mixing may result in product failure.

The mixed epoxy can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process. 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 on 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.

If you opt to topcoat, you must first be sure that all of the solvents and water have evaporated from the coating during the coating process. The curing cycle requires the water in the product to completely evaporate away. High humidity, closed spaces and low temperature may greatly retard the evaporation.

LIMITATIONS

Not for sale in Southern California

TRANSPORT

Not regulated by USDOT, IATA & IMO.

SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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NPI in PA

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