

**MoPoxY™ H<sub>2</sub>O-1000  
Pre-Catalyzed Waterborne  
Acrylic Epoxy Coating  
312-series**

Acrylic Epoxy

**P.O. BOX 717 • THEODORE, ALABAMA 36590 -0717 • PHONE (251) 443-6110 • FAX (251) 408-0410****PRODUCT DESCRIPTION**

A one component waterborne acrylic epoxy coating that offers a tough, durable finish with good chemical resistance and excellent adhesion. Low odor and low VOC. Lead, chromate and mercury free.

**TYPICAL USES**

For use on properly prepared interior surfaces of drywall, wood, plaster, and masonry. For commercial and institutional high traffic areas where a high performance protection system is required.

**PRODUCT ADVANTAGES**

Single Component • Chemical Resistant • Low Odor/Low V.O.C. • Durable Finish • Resists Roller Spatter • Water Clean Up • Excellent Touch-Up

**COLORS**

Available in a wide range of custom colors produced from tint bases using the Color Studio System. Special colors available subject to minimum order.

**GLOSS**

Satin

**PHYSICAL CONSTANTS**

Nonvolatile -	By weight - 49.1 ± 1.0%
	By volume - 36.8 ± 1.0%
VOC (Calculated)	0.23 lbs./gal.
(less water & exempt)	28.0 grams/liter
Flash point - (Mixed)	>200°F (Setaflash)
Weight per gallon -	10.3 lbs/gal. ± 0.2 (mixed)

**APPLICATION**

Recommended Film Thickness - 1.5 mils dry, 4.0 mils wet  
Theoretical Coverage @ 1.5 mils dry - 394 sq.ft./gal  
Method - Brush, roller, conventional and airless spray.  
Thinner - Water  
Cure Time @ 75°F / 50% Relative Humidity

To touch -	1 hour
To Recoat -	8 hours

**SHIPPING & STORAGE**

Consists of -	1 Gallon Unit (SF)	5 Gallon Unit (SF)
Unit Shipping Weight (SF) - Short Filled	11 lbs.	55 lbs.

Shelf Life - 12 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

## APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

**Limitations:** Apply in good weather when air and surface temperatures are above 55°F, relative humidity is below 85% and surface temperature is at least 5°F above the dew point. For optimum application properties, material should be between 70 to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 to 100°F.

**Surface Preparation:** Good preparation is essential to a satisfactory coating system. Surfaces to be coated should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

**New or Unfinished Surfaces** - Wood: Apply 1 coat of Coventry Wood Sealer and 2 even coats of this product. Bleeding woods and knots should be primed with BLP Universal Primer prior to painting. New Drywall: All joints, seams, and screw heads should be floated and prepared using quality drywall compound. Sand uneven surfaces, then remove sanding dust and apply 1 coat of Prymall 2 and 2 even coats of this product to the entire surface. Use this product to spot prime any drywall compounds prior to application. Masonry and Plaster: Must be fully cured, dry and clean. Allow a minimum of 30 days cure time before coating. Efflorescence should be removed using phosphoric acid solution followed by clean water rinse. For maximum protection against efflorescence, apply BLP Universal Primer prior to painting. Porous CMU block should be coated with 260-55 Architectural Latex Block Filler prior to application.

**Previously Painted Surfaces** - Remove gloss from previous coatings by sanding. Holes, cracks, and damaged areas should be filled with quality spackling compounds and sealants. All uneven surfaces should be sanded smooth, followed by removal of dust and other contaminants. Remove loose and peeling paint by wire brushing, scraping, sanding, or other mechanical means to provide a sound surface. Apply 1-2 even coats of this product.

**Thinning:** Material is supplied at brushing viscosity and normally needs no thinning. If thinning is necessary, use deionized or distilled water for best results. Clear potable water is acceptable for thinning. Thin only as necessary and DO NOT OVER THIN.

**Application:** Apply by brush, roller or conventional or airless spray. Roller application may require special care to prevent bubbling and more than one coat to obtain proper film thickness. Apply at 4 mils wet film thickness which will yield 1.5 mils dry film thickness.

**Equipment:** Brush - Use a good quality nylon brush. Roller - All purpose, good quality roller with 3/8" nap maximum. Conventional spray - For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 40-45 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 40-45 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless Spray - Minimum of 28:1 ratio pump, .011"-.013" orifice tip, 1/4" ID material hose.

**Cleanup:** Clean all equipment immediately after use with warm, soapy water. Completely flush all spray equipment with warm, soapy water followed by ketone solvents to prevent rusting. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging.

**Safety:** Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

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### LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.