



Time-Lock MoPoxY™ PRE-PREP Rust Penetrating Sealer 41-AF-2



PRODUCT DESCRIPTION
TYPICAL USES
PRODUCT ADVANTAGES
COLORS
GLOSS
PHYSICAL CONSTANTS
APPLICATION
SHIPPING & STORAGE

MoPoxY™ PRE-PREP is a rust penetrating sealer designed to wet, strengthen and seal porous rust. PRE-PREP is a 100% volume solids, chemically cured material that is almost water thin. 0 VOC.

To penetrate and reinforce rusty steel surfaces, recommended in areas where, due to restrictions or economics, blasting or thorough hand cleaning is not feasible. Very effective sealer and/or reinforcement for masonry surfaces. Excellent sealer for encapsulation of old coatings where removal is not feasible or for aged "white rusted" zinc surfaces.

100% volume solids at very low viscosity. Low film thickness required & no shrinkage. Excellent substrate wetting. Can be topcoated with a wide range of Mobile Paint products.

Clear

High Gloss

Viscosity - Water Thin
Nonvolatile - By weight - 100.0 + 1.0%
 By volume - 100.0 + 2.0%

VOC (Calculated) 0 lbs./gal.
0 grams/liter

Flash point - >200°F (Setaflash)
Weight per gallon - 8.65 + 0.2 lbs. (mixed)

Recommended Film Thickness - 1.5 mils dry, 1.5 mils wet

Theoretical Coverage @ 1.0 mils dry - 1604 sq.ft./gal

Method - Conventional spray, brush or roller

Thinner - Do not thin.

Dry Time @ 77°F - To recoat - overnight

* MoPoxY™ PRE-PREP may be overcoated if still tacky.*

Pot Life (mixed) 4 hours @ 77°F

Consists of -	3 Gallon Unit	15 Gallon Unit
Base	(2) 1 Gallon Units	(2) 5 Gallon Units
Catalyst	(1) 1 Gallon Unit	(1) 5 Gallon Unit
Unit Shipping Weight	27 lbs	140 lbs.

Shelf Life - 1 year 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 50°F 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 - 100°F.

Surface Preparation - MoPoxY™ PRE-PREP is designed to go over rusty surfaces. The performance life of the system will in part depend on the degree of loose rust, rust scale and unsecured old paint removal. In addition, any oil, grease, or chemical contamination must be removed. It is recommended that Mobile Paint Dyna-Prep #101 cleaner be applied to any oil, grease, or old paint. A high pressure water wash is then applied to remove the contaminations as well as dislodge the loose rust, rust scale, and other contaminants. Extra heavy rust scale may require hand or mechanical removal. When surface has thoroughly dried, then MoPoxY™ PRE-PREP may be applied. After overnight cure, this sealed and strengthened rust layer is then topcoated with our MoPoxY™-PLUS or MoPoxY™ ST Series Epoxies. Topcoats of MoPoxY™ or MOTHANE™ can then be applied to produce additional color selection or to improve cosmetic or chemical resistance.

Mixing - MoPoxY™ PRE-PREP is supplied in 3-gallon and 15 gallon kits. Always mix a complete unit in the proportions supplied. Mix 2 parts by volume of Component A, with 1 part by volume of Component B. Mix thoroughly

with power agitator. Allow to stand for 15 minutes and remix before application. Usable pot life depends on the temperature of the material. Refer to Pot Life section on front page.

Thinning - Do not thin.

Application - Apply by conventional air spray, brush, or roller. Airless spray is not recommended. To minimize overspray, use low air pressure 5 to 10 psi and low pot pressure 5 to 10 psi. MoPoxY™ PRE-PREP penetrating primer is low in viscosity. Material should be applied at 1.5 mils in one thin wet coat sufficient to completely cover and penetrate to the steel surface. Additional coat of penetrating primer may be required for very porous surface. Do not apply heavy coats.

Cleanup - Clean all equipment immediately after use with MoPoxY™ Spraying Thinner 75-37 or MIBK. Completely flush all spray equipment with either of these solvents.

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.

Notice - The technical data contained herein are true and accurate to the best of our knowledge. All products are offered and sold subject to Mobile Paint Manufacturing Company's Standard conditions of Sale. Published technical data and instructions are subject to change without prior notice.

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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.