

# EZ-Poxy

Technical Bulletin 220 - 03/17

## EZ-Poxy - Modern Polyurethane Enamel

- Exceptionally easy one-part application
- Long lasting, durable polyurethane finish
- Fortified with advanced ultraviolet filters
- Provides superior gloss retention

*EZ-Poxy is available in today's most popular colors. See color chart for more information*

*For increased gloss, hardness, and durability use EZ-Poxy Performance Enhancer (3021)*

*Use EZ-Poxy Semi-Gloss White (3106) for a semi-gloss finish for decks and interior use, or simply add Satin Additive (9080) to any EZ-Poxy color for a satin look.*

*For non-skid decks, Pettit's EZ-Decks Nonskid Enamels are designed to match corresponding EZ-Poxy colors or Skidless Compound (9900) may be added*

*EZ-Prime (6149) should be used as a base coat whenever the surface to be painted is aged, cracked, checked, pitted, or in any way less than smooth*

*When using on bare wood, seal with EZ Wood Sealer (2018) to provide water resistance and dry rot protection.*



## Technical Information



**Vehicle Type:** Oil modified polyurethane

**Finish:** High-gloss

**Solids by Weight:** 62% +/- 7%

**Coverage:** 600 ft<sup>2</sup>/gal.

**VOC:** 394 g/l for White (other colors will vary slightly)

**Flash Point:** 113°F for White (other colors will vary slightly)

**Application Method:** Brush, roller, airless or conventional spray

**Maximum Roller Thickness:** 3/16"

**Number of Coats:** 2 minimum

**Wet Film Thickness:** 3.0 mils

**Dry Film Thickness:** 1.5 mils

**Application Temp:** 50° F. Min. / 90°F. Max.

**Thinner:** 120 Brushing Thinner, 121 Spraying Thinner, or 120VOC Thinner

**Dry Time\*:** (hours)

	To Touch	To Recoat
90°F	1-1/2	8
70°F	3	16
50°F	6	24

**Cleaner:** 120 Brushing Thinner or 120VOC Thinner

EZ-Poxy is a modern one-part polyurethane topside and deck enamel. The addition of PTFE and silicone provides for a brilliant shine and easy brushability. Advanced ultraviolet filters enhance the superior gloss retention and durability of polyurethane. The result is a topside finish that produces a lasting gelcoat-like brilliance with a minimum of effort.

EZ-Poxy Performance Enhancer may be added to provide an increased level of gloss retention and scratch resistance while allowing for the simplicity of EZ-Poxy's one-part application.

# EZ-Poxy

## SYSTEM INSTRUCTIONS:

### Bare Wood:

Sand surface smooth with 80-120 grit sandpaper, then solvent clean with Brushing Thinner (120) or VOC-Free Thinner (120VOC) to remove residue. Fill all screw heads or small holes with EZ-Fair Epoxy Fairing Compound (7050); sand flush and solvent clean with Brushing Thinner (120) or VOC-Free Thinner (120VOC). Apply a coat of EZ WoodSealer (2018) to penetrate and seal the porous grain. Follow with one or two coats of EZ-Prime (6149) until an evenly smooth base condition is reached; sand each coat with 80 to 120 grit sandpaper and solvent clean with Pettit Brushing Thinner (120) or VOC-Free Thinner (120VOC). Proceed with the first finish coat of EZ-Poxy. Bare wood that has been epoxied must be thoroughly scrubbed with an ammonia/water solution then sanded with 120 grit sandpaper and solvent cleaned with Pettit Brushing Thinner (120) or VOC-Free Thinner (120VOC). Follow with a coat of EZ-Prime (6149) to smooth the surface and provide a uniform base. Sand well and solvent clean with Brushing Thinner (120) or VOC-Free Thinner (120VOC), then proceed with the first coat of EZ-Poxy.

### Bare Steel:

Surface must be cleaned to a bright finish by sandblasting or grinding; remove blast residue. Immediately apply one coat of Rustlok Primer (6980); allow to dry until tacky. If surface is rough, apply a coat of Tie-Coat Primer (6627); sand well and solvent clean with Brushing Thinner (120) or VOC-Free Thinner (120VOC). Repeat application as needed until a smooth, uniform base is reached. Proceed with the first coat of EZ-Poxy.

### Bare Aluminum:

Wipe the surface free of oil and grease with Brushing Thinner (120) or VOC-Free Thinner (120VOC). Remove oxidation and etch the surface with medium grit emery cloth; remove sanding residue. Apply one thin "wet" coat of Metal Primer (6455/044); allow to dry at least two hours. Proceed with the first coat of EZ-Poxy. EZ-Prime (6149) can be used over the Metal Primer (6455/044) for smoothing surfaces if desired.

### Bare Fiberglass:

The entire surface to be painted regardless of age must be thoroughly washed with Brushing Thinner (120) or VOC-Free Thinner (120VOC) or Bio-Blue (92) to remove all traces of mold release agents and wax. Sand the gel coat with 80 to 120 grit sandpaper to a dull, frosty appearance, solvent clean with Brushing Thinner (120) or VOC-Free Thinner (120VOC) to remove residue. If the surface is in excellent condition, proceed with the first finish coat of EZ-Poxy.

If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges with EZ-Fair Epoxy Fairing Compound (7050); sand flush when hard, then solvent clean. Follow with a coat of EZ-Prime (6149) to smooth the surface and provide a uniform base; sand well and solvent clean. Proceed with the first finish coat of EZ-Poxy.

### Painted Surfaces:

Clean painted areas by washing with a solution of two cups household ammonia per gallon of water and rinse well. Remove existing mildew with household bleach instead of ammonia. Never mix bleach and ammonia. If the old paint is an oil-based enamel or polyurethane, and is in good, sound condition, sand it thoroughly smooth with 150 grit sandpaper, solvent clean to remove residue with Brushing Thinner (120) or VOC-Free Thinner (120VOC), then proceed with the first coat of EZ-Poxy. If the old oil-base or polyurethane paint contained a non-skid material, scrub the non-skid service with Bio-Blue (92) Hull Surface Prep using a stiff bristle brush. Thoroughly rinse the surface and allow to dry, then apply two coats of EZ-Poxy. If the old paint is a latex or water-based paint, or is in poor condition, remove it with a paint and varnish remover or by sanding. Proceed with instructions for the appropriate bare surface system.

### Non-Skid Decks:

To provide a safe, slip-proof texture on decks, add Skidless Compound (9900) to the mixed EZ-Poxy. Stir mixture continuously to insure compound is thoroughly dispersed and remains in suspension. A minimum of two coats is recommended, following the appropriate application system. Alternatively, apply a coat of EZ-Poxy (without 9900 Skidless Compound) to all areas requiring a non-skid surface, then sprinkle or broadcast the Skidless Compound (9900) into the wet EZ-Poxy. After drying overnight carefully brush-out all loose Skidless Compound and apply another thin, even coat of EZ-Poxy to the surface. For decks which have a pre-molded, non-skid embossment, scrub the non-skid surface with Bio-Blue (92) Hull Surface Prep using a stiff bristle brush or wash the surface with Fiberglass Dewaxer (D95). Abrade area thoroughly with bronze wool then solvent clean with Brushing Thinner (120) or VOC-Free Thinner (120VOC) to remove residue. Apply two coats of EZ-Poxy adding Skidless Compound (9900) to the mixture if an improved non-skid texture is desired.

## Application Information



### APPLICATION INFORMATION

Stir thoroughly before use. EZ-Poxy may be applied by brush, roller, conventional or airless spray. For brush or roller application apply without thinning although in hot weather 5-10% Brushing Thinner (120) or VOC-Free Thinner (120VOC) may be added to maintain a wet edge. For best results on large, smooth surfaces roll out using a short nap roller followed immediately by leveling off with the tip of a brush. Apply one, thin, even coat per day. After an overnight dry, lightly sand with 220 grit sandpaper and apply an additional coat. Applying two or more coats in one day or applying excessively heavy films (greater than 4 wet mils) will lead to insufficient through-drying of the paint and will yield soft paint films.

For conventional spray application thin 15-20% with Spraying Thinner (121) or VOC-Free Thinner (120VOC). For airless spray application thin up to 5% with Spraying Thinner (121) or VOC-Free Thinner (120VOC). Utilize a .011-.015 inch diameter tip for application.

Do not apply EZ-Poxy on extremely humid days (90°+ RH) or when rain is threatening. Do not apply in the late afternoon when working outdoors as the wet film may be adversely affected by dew. When working in cooler temperatures be sure the air and surface temperatures will remain at or above 50°F for at least 8 hours after application.

### Surface Preparation:

Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance. Surface must be free of dirt, loose paint, rust, oil, grease, wax, soap and any other foreign matter. Clean painted areas by washing with a solution of 2 cups household ammonia per gallon of water and rinse well. Remove existing mildew with household bleach instead of ammonia.