

# ECOPOXY GEL COAT

## KEY FEATURES;

- Easy to spray
- Sag Resistant
- High Gloss Retention
- Excellent Weatherability
- Low Odor, No VOC's, Non Toxic
- 100% solids content for increased build
- Produces an exceptionally tenacious etching bond for high adhesion
- Provides remarkable chemical resistance
- Excellent hardness and durability
- Self-leveling finish
- Resistant to water blistering
- 100% waterproof long term
- Wear resistant finish

## RECOMMENDATIONS:

### INTENDED USE

Boats, RV's, Showers, Tubs, Pools and more.

### SURFACES

Fiberglass, Metal, Concrete and Masonry



## **DESCRIPTION:**

**ECOPOXY Gel Coat** is a new generation of gel coat that produces excellent results without harming you or the environment, and it's tough.

EcoPoxy Premium Grade Gel Coat is chemical resistant and is commonly used for patching existing gelcoat, new construction and fiberglass repair.

This unique 100% solids 2 component epoxy when mixed creates cross linking molecules that greatly increase hardness and durability while chemically etching itself into the surface producing a permanent bond. ECOPOXY Gel Coat is uniquely suited for marine and transportation application requirements for the protection of surfaces.

**ECOPOXY Gel Coat** offers unequalled performance in a wide variety of categories including adhesion, hardness, water, chemical and wear resistance.

**ECOPOXY Gel Coat** when applied fills in rough areas, low spots and separations in a single application creating a superior smooth gloss uniform surface for long term durability.

**ECOPOXY Gel Coat** is low odor, low VOC's and Non Toxic. This combination of environmental and performance properties make it a favorite of boat builders and composite manufactures.

**ECOPOXY Gel Coat** should be applied to a primed surface and is available in a variety of colors. ECOPOXY Gel Coat should not be applied when a surface temperature is above 90 degrees F. or below 60 degrees F.

**Mix Ratio:** 5:1

**Pot Time:** 20 minutes depending on ambient temperature

**Recommended Spread Rate:** 16 mil.

**Coverage Rate:** 100 sf/gall.

**Cure Time:** 48 hours @ 70 degrees F. (21 degrees C.) @ 50% RH using spread rate of 100 sf/gal.

**Set to Touch:** 6-8 hours depending on ambient temperature, humidity and thickness.

**Minimum Recoat Time:** 6-8 hours depending on ambient temperature, humidity and thickness.



**Maximum Recoat Time:** 24 hours

**Clean Up & Thinning:** De Natured Alcohol

**Storage:** 55 degrees F. through 85 degrees F. with tightly sealed lids.

**Tinting:** EcoPoxy Gelcoat may be tinted using EcoPoxy pigments designed for use in EcoPoxy resins and gel coats.

**Surface Preparation:** Gelcoat over clean, dry surfaces. Remove all grease, oil, wax, or other foreign matter. All surfaces must be sanded. Do not apply directly over paint

### **ECOPOXY Gel Coat Application;**

**Application Methods:** This product may be applied by airless and conventional spray, solvent resistant rollers and brushes for small areas only. Application is best when applied by spray.

Do not apply directly over painted surfaces

**Limitations:** Apply in good weather when air and surface temperatures are above 60°F. Surface temperature must be a least 60°F above dew point. For optimum application properties, bring material to 70-80°F temperature range prior to mixing and application.

Once surface is prepared correctly, blend **ECOPOXY Gel Coat** and apply to surface.

In a dry clean container blend 2 parts resin by volume to 1 part hardener by volume. Mix thoroughly for 2.5 minutes at 450-600 rpm. Transfer batch from mix container to transport or spray container. Apply mixed content from transport or spray container to surface immediately.

**Note:** If 24 hours elapsed from time of application then additional preparation is required. Lightly sand entire surface with 80 grit sand paper until a light powdery residue appears and gloss finish has been removed to provide a profile for bonding. Remove all sanding dust and wipe down entire surface with de natured alcohol to remove contaminants.