

EcoPoxy Fairing Compound

KEY FEATURES;

- 100% Solids, Low VOC's, Low Odor, Non Toxic
- 100% Waterproof, Chemical Resistant, Impact Resistant and High Adhesion
- Can be primed and coated
- Superior strength and flexibility
- Spreads easily and remains in place
- Won't sag, drag or pull
- No shrinking when cured
- Use on flat, vertical or overhead surfaces

RECOMMENDATIONS:

INTENDED USE:

Epoxy filler and profiler formulated for surface finishing of composite structures and more, it is lightweight and suitable for an infinite variety of composite, architectural, industrial and art-related applications.

Surfaces:

Composite, Wood, Metal, Concrete, Masonry

DESCRIPTION:

EcoPoxy Fairing Compound is a high performance epoxy filler and profiling product formulated for surface finishing of composite structures and more. It is easily mixed and spreads with a peanut butter like consistency with ease and control leaving a smooth cosmetic finish. Exhibits the ability to be molded or used on vertical and overhead surfaces without sagging and will not shrink when cured. **EcoPoxy Fairing Compound** is lightweight and suitable for an infinite variety of composite, architectural, industrial and art-related applications. It can fill up to a thickness of a 1/2" without the risk of sagging or slumping. Use as a filleting material in epoxy tooling, or in between layers of reinforcement fabric for making lightweight composite parts. It can be easily sanded, shaped, drilled, tapped, machined, routered and will remain tough and durable for life.



Suitable for interior and exterior art related use, **EcoPoxy Fairing Compound** can be used to create textured or highly detailed display pieces. It can be stamped with a silicone rubber stamp to create repeating patterns with intricate detail over a large surface area.

EcoPoxy Fairing Compound is a very hard, heat resistant material that will readily accept paint and can also be color pigmented.

EcoPoxy Fairing Compound should be applied to a primed surface.

EcoPoxy Fairing Compound should not be applied when a surface temperature is above 90 degrees F. or below 60 degrees F.

Mix Ratio: 2:1

Pot Time: 20 minutes depending on ambient temperature

Recommended Spread Rate: ¼" to feather edge

Cure Time: 48 hours @ 70 degrees F. @ 50% RH using spread rate of 160sf/gall.

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: De Natured Alcohol

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

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.

EcoPoxy Fairing Compound Application;

Once surface is prepared correctly, blend **EcoPoxy Fairing Compound** 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 until there is one consistent color and texture. Apply mixed content to surface immediately using a trowel or putty knife.