

EZ-FAIR

- For fairing, filling, and patching
- Fast-cure formula allows for quick recoats
- Can be easily painted
- Waterproof when cured
- Use above or below the waterline
- Excellent chemical resistance



LIGHTWEIGHT FAIRING EPOXY

EZ-Fair 7050 Epoxy Fairing Compound is a lightweight, two-part epoxy putty designed for filling and smoothing surface imperfections above and below the waterline. The special resins used in EZ-Fair impart a high degree of water and chemical resistance to the product, making it an integral part of the Pettit Gelcoat Blister Repair System.

In addition, EZ-Fair is the product of choice for fairing metal keels or any underwater surface. Use it for leveling uneven surfaces, filling gouges, scratches, or other damage on fiberglass, wood or metal surfaces. It's excellent chemical and water resistance make it the ideal choice for repairing blistered gelcoat in an osmotic blister repair system. EZ-Fair is non-sagging and non-shrinking and sands to a smooth finish. The quick-cure formula allows for multiple coats to be applied and sanded in a single day.

TECHNICAL INFORMATION

VEHICLE: Epoxy/Polyamide

PIGMENTATION: White

COLOR: Part A-Blue, Part B-White, Mix-White

COMPONENTS: 2

MIX RATIO BY VOLUME: 2 to 1

MIX RATIO BY WEIGHT: 100 to 44

CURING MECHANISM: Chemical Cure

VISCOSITY: 480,000

SOLIDS BY WEIGHT: 100%

SOLIDS BY VOLUME: 100%

VOC: 0 grams/liter

FLASH POINT: Over 200°F

DENSITY: Part A...6.8 lbs/gal, Part B...6.4 lbs/gal

CLEAN-UP SOLVENT: 97 Epoxy Thinner

METHOD: Putty knife or spatula

INDUCTION PERIOD: None

APPLICATION TEMP: 50°F Min / 90°F Max

POT LIFE: 10 minutes @ 25°C (77°F)

SAND TIME: By Hand...3 hrs @ 25°C (77°F)

DA or random-orbit...4 hrs @ 25°C (77°F)

CURE TIME: 16 hrs @ 25°C (77°F)

COVERAGE: (per gallon)

@ 3/4" thick (750 mils)...0.8ft²

@ 1/2" thick (500 mils)...1.2ft²

@ 1/4" thick (250 mils)...2.4ft²

@ 1/8" thick (125 mils)...4.8ft²

@ 1/16" thick (62.5 mils)...9.6ft²

ASSOCIATED PRODUCTS: D95 Fiberglass Dewaxer, 97 Epoxy Thinner, 120 Brushing Thinner, Pettit Protect High Build Epoxy Primer, Pettit Antifouling Paints, Pettit EZ Poxy, EZ-Decks, EZ Cabin Coat, EZ Bilge, 6149 EZ Prime



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.

APPLICATION INFORMATION: Mix both components thoroughly before using. EZ-Fair 7050 Epoxy Fairing Compound is formulated to be mixed two to one by volume. Blend two volumes of part "A" to one volume of part "B" and mix thoroughly until the mixture is a uniform off-white color. Streaks of gray color in the mixture or other non-uniformity of color signifies insufficient mixing of the product and poor performance will result if the product is applied this way. Once thoroughly mixed, apply the EZ-Fair 7050 with a putty knife, spatula or squeegee. Remove excess compound from the surface before it cures to minimize the sanding required to achieve a smooth surface.

FIBERGLASS OR WOOD: Sand nicked or gouged areas thoroughly with 80-grit sandpaper. Wash surface with Pettit 120 Brushing Thinner to remove sanding residue and let dry. Apply EZ-Fair 7050 with a putty knife, spatula or squeegee, filling the surface imperfections. Strike off the surface with a putty knife, spatula, or squeegee as cleanly as possible to remove excess compound, thus avoiding the need for excessive sanding. Allow to cure hard then sand fairing compound until smooth. If necessary, repeat application and sanding until a sufficiently smooth surface is achieved. Finish with appropriate coating system. Do not apply polyester resins or gelcoats over EZ-Fair Fairing Compound.

ALUMINUM HULLS AND LEAD KEELS: Sandblast (using non-metallic media) or disc sand with 60-grit paper (36-grit for lead keels) to clean, bright metal. Immediately solvent wash with Pettit 120 Brushing Thinner and apply 2 coats of 4400/4401 AlumaProtect Epoxy Primer. Let dry to tack-free condition* and apply a thin layer of EZ-Fair. Let it dry at least 4 hours at 77°F (25°C) and then sand it thoroughly with 80 grit sandpaper, blending in with the surrounding areas until smooth. If necessary, repeat application and sanding of EZ-Fair Fairing Compound until a sufficiently smooth surface is achieved. Apply two coats of Pettit Protect 4700/4701 Gray or 4100/4101 White High Build Epoxy Primer and finish with the appropriate Pettit topside or antifouling paint.

BLISTERED FIBERGLASS: For osmotic blister repair refer to Pettit Technical Bulletin TB-1000 - *Gelcoat Blister Repair and Prevention*. Open the blister, crack or small hole with a sharp scraper. Contour the substrate. It should be dry (no more than 3% H₂O when checked with a moisture meter). A wet substrate cannot provide permanent bonding. Sand the dry substrate with 60-80 grit sandpaper. Remove the loose particles and dust. Clean the substrate with 97 Epoxy Thinner. Apply West System 105/205, System Three SilverTip Epoxy or similar epoxy directly to the blister cavity and/or laminate to "wet out" exposed fiberglass fibers or matting. Let dry 3-5 hours at 77°F. Then apply a very thin layer of EZ-Fair and press it into the epoxy coated substrate to assure good contact. Apply more EZ-Fair to fill the blister, crack or small hole and smooth the repair. Let it dry at least 4 hours at 77°F (25°C) and then sand it thoroughly with 60-80 grit sandpaper. Overcoat repairs with three coats of Pettit Protect High Build Epoxy Primer.

STEEL HULLS AND CAST IRON KEELS: Sandblast or disc-sand with 60-grit paper to clean, bright metal. Immediately solvent wash with Pettit 120 Brushing Thinner. And apply one thin coat of Pettit 6980 Rustlok. Let dry one hour minimum, 2 hours maximum and apply one coat of Pettit Protect 4700/4701 Gray or 4100/4101 White High Build Epoxy Primer. Let dry to tack-free condition* and apply a thin layer of EZ-Fair. Let it dry at least 4 hours at 77°F (25°C) and then sand it thoroughly with 80 grit sandpaper, blending in with the surrounding areas until smooth. If necessary, repeat application and sanding of EZ-Fair Fairing Compound until a sufficiently smooth surface is achieved. Apply two additional coats of Pettit Protect 4700/4701 Gray or 4100/4101 White High Build Epoxy Primer and finish with the appropriate Pettit topside or antifouling paint.

*A tack free paint film will exhibit little or no surface tack but will be somewhat soft and deformable with application of moderate pressure. When reapplying fairing compound after the epoxy barrier has cured hard, the epoxy barrier coat must be sanded thoroughly with 60-grit production sandpaper before application of EZ-Fair Fairing Compound.