

Marine Fairing Compounds



Hardener Sold Separately

HARDENER SELECTION GUIDE

	By Volume	Work Life	Time Before Sanding @ 77
861 Hardener	1R / 1H	See Data Bulletin	6-8 Hours
Cold Weather Hardener	1R / 1H	See Data Bulletin	4-6 Hours

Marine 861 UltraFair is a convenient trowelable filler developed for fairing large surface imperfections on aluminum, steel, fiberglass or wooden marine vessels. The white resin and brown hardener, when mixed together at the convenient 1:1 volumetric mix ratio, yield a smooth, creamy paste which can be easily applied up to 1" thick without sagging or shrinking during the curing process. 861 UltraFair Resin and Hardener are 100% solids systems and may be used above or below the waterline. When cured, this system features excellent sanding and finishing characteristics and accepts virtually all types of primers and paints. Note: This product is intended to be used as supplied. Do not thicken or thin this product as altering the formulation may lower physical properties. Available with two hardener options and simple 1R: 1H parts by volume mix ratio: 861 UltraFair Hardener, and 861 Cold Weather Hardener

Features:

- Two component epoxy, non-sag
- Choice of 2 Hardeners: 27 - 50 Minute Work Life
- Light Brown

A convenient 1R:1H, easy to use fairing compound developed for filling and fairing large surface imperfections in aluminum, steel, wood or fiberglass. Ultra Fair 861 is formulated to provide a smooth, easily troweled paste that can be applied up to 1" thick without sagging or shrinkage during cure. Once cured, Ultra Fair 861 produces a strong, resilient, blush-free surface that is easy to sand and will accept virtually all types of primers and paints.

Applications: Developed for fairing large surface imperfections on aluminum, steel, fiberglass or wooden marine vessels.



Hardener Sold Separately

865 FinalFair Resin is a convenient, easy-to-use sprayable fairing compound to be used in conjunction with UltraFair 861. This two step process was developed to assist today's boat builders in fairing large areas of aluminum, steel, wood or fiberglass yachts. FinalFair 865 was developed for use as a final surface fairing over ADTECH's UltraFair 861. The white resin and pink hardener, when mixed together, create a positive mix indication when no streaks are observed. It exhibits excellent air release and is especially well suited to fairing porosity or minor surface imperfections. FinalFair 865 is ready to mix and spray. When cured, FinalFair 865 produces a strong, resilient, blush-free surface that is easy to sand and accepts virtually all types of primers and paints. FinalFair 865 is well suited to applications above or below the waterline. NOTE: FinalFair 865 is not recommended to be reduced greater than 15% with 850 Solvent. FinalFair 865 should never be applied directly to the surface or over any topcoats.

Features:

- Two component epoxy
- 135 Minute Work Life
- White Resin/ Pink Hardener

This convenient 1R:1H, easy to use sprayable fairing compound was developed for use as a final surface fairing over UltraFair 861 to repair porosity or minor surface imperfections. It produces a strong, resilient, blush free surface that is easy to sand and accepts virtually all types of epoxy or urethane primers and topcoats.

	<p>Applications: Developed for use as a final surface fairing over UltraFair 861 to repair porosity or minor surface imperfections.</p> <p>P-17 SMCR HIGH HEAT RESISTANT FILLER set-fast system has uses in aerospace, aircraft, automotive, tooling, manufacturing and final fabrication where potential exposure to elevated temperatures up to 230°C/446°F have to be tolerated either for short term or continuous periods. P- 17 SMCR offers the user a smooth workable paste with set-fast cure to expedite those applications for repair or finish. P-17 SMCR can be applied with a squeegee, spatula or flat tool. The cured material can be easily sanded to a feather edge by hand or with a mechanical sander. This filler has excellent adhesive and bond strength to fiberglass, SMC, BMC, RIM, FRP, epoxy, graphite and Kevlar™ composites as well as aluminum, plaster and other substrates. P-17 SMCR HIGH HEAT RESISTANT FILLER when cured and finished accepts virtually all types of coatings and decorative films without any blush or discoloration. Typical applications include: aircraft interior panels, vacuum form molds, changes & repairs, FRP panels-filling cloth imprint, Drill fixtures, potting bushings, nose cone porosity, gel-coat repairs on production molds, edge filling on honeycomb, SMC mold porosity in molded parts, repair of damaged SMC parts and many other applications.</p> <p>Features:</p> <ul style="list-style-type: none"> • Two component vinyl ester, sandable thixotropic paste • 7-10 Minute Work Life • Grey, Black, or White <p>A high heat resistant filler paste which is easily sanded to a feather edge and bonds readily to most substrates. Ideal for use in mold repair, repair of fiberglass parts, fairing and filleting and as a edge filler for honeycomb panels. Offers heat resistance to 446°F and will accept coatings of virtually any type without blush or discoloration.</p> <p>Applications: Typical applications include: aircraft interior panels, vacuum form molds, changes & repairs, FRP panels-filling cloth imprint, Drill fixtures, potting bushings, nose cone porosity, gel-coat repairs on production molds, edge filling on honeycomb, SMC mold porosity in molded parts, repair of damaged SMC parts and many other applications.</p>
 <p>Hardener Sold Separately</p>	<p>P-32 FIBER FILLED MARINE BOND & FILL PUTTY is a trowelable non-sag fiber filled polyester bonding/filler putty developed for use in the marine industry for the original manufacture of boats and other structures. The unique handling properties of P-32 make it a very desirable system over other putty types currently being used.</p> <p>This system has a very low exotherm on cure and does not create shrink and bond lines in the finished parts. The material is so versatile that when used as supplied and catalyzed with DDM-9 Peroxide at 1.5% it results in a trowelable putty system with a work life of 15-20 minutes that quickly cures to hardness for efficient production use.</p> <p>The off-white color of P32 is useful when adding colored DDM-9 catalyst; this color change in the mixture is highly visible which ensures thorough mixing of resin and catalyst. This feature prevents any soft spots or unmixed material being applied, thereby reducing any possible bond failure or weak spots after application.</p> <p>P-32 bonds fiberglass to fiberglass, wood, metal and other substrates. The material's ability to fill and bond in a single application allows for increased productivity and higher quality bonds than previously available.</p> <p>Features:</p> <ul style="list-style-type: none"> • Two component fiber filled non-sag polyester off-white putty • 15-20 Minute Work Life • Off-White <p>Applications: Typical applications include: deck/hull bonds - bond and seal shaft</p>

	<p>struts and other attachments - imbed anchor bulkheads, stringers, motor mounts and other mounting devices - other fabrication and production bond/fill requirements.</p>
	<p>P-75 QuickFair is a sandable, low density, heat resistant thixotropic vinyl ester paste used for surface fairing and cosmetic repair applications on composite and metal surfaces. P-75 QuickFair has excellent adhesion to fiberglass, SMC, FRP, epoxy, graphite and kevlar composites as well as aluminum and wood. Once cured accepts virtually all coatings and decorative films.</p> <p>Features:</p> <ul style="list-style-type: none"> • Two component vinyl ester paste • 7-10 minute work life. • Light Yellow <p>Applications: Sandable, low density, thixotropic vinyl ester paste used for surface fairing and cosmetic repair applications above or below the waterline on composite and metal surfaces. P-75 QuickFair has excellent adhesion to fiberglass, SMC, FRP, epoxy, graphite and Kevlar composites as well as aluminum and wood.</p>
	<p>P-77 polyester filler and fairing compound offers the user a smooth workable paste with a set-fast cure to expedite those applications for repair or finish. P-77 is easier to sand than conventional fillers and can be finished to a feather edge. This material has excellent adhesive and bond strength to fiberglass, SMC, FRP, epoxy, graphite, and Kevlar® composites as well as aluminum, wood, and other substrates. P-77 can be easily applied with a squeegee, spatula, or flat tool, and once cured will accept virtually all types of coatings and decorative films.</p> <p>Features:</p> <ul style="list-style-type: none"> • Two component vinyl ester, sandable thixotropic paste • 4-6 Minute Work Life • White <p>A heat resistant filler paste which is easily sanded to a feather edge and bonds readily to most substrates. Ideal for use in filling and fairing marine FRP surfaces above or below the water line. Offers heat resistance to 446°F and will accept coatings of virtually any type without blush or discoloration.</p> <p>Applications: Ideal for use in filling and fairing FRP composite surfaces.</p>
	<p>P-78 high-heat polyester filler and fairing compound offers the user a smooth workable paste with a 40 to 50 minute work life for larger fairing and repair jobs. This material can be applied with a squeegee, spatula, or flat tool, and once cured can be filed or sanded to a feather-edge. P-78 can withstand temperatures up to 446°F to eliminate the "print-through" that is associated with conventional polyester fillers. P-78 has excellent adhesive and bond strength to fiberglass, SMC, FRP, epoxy, graphite, and Kevlar® composites as well as aluminum, wood, and other substrates. Once cured this material accepts virtually all types of coatings and decorative films with no "bleed out".</p> <p>Features:</p> <ul style="list-style-type: none"> • Two component vinyl ester, sandable thixotropic paste • 40-50 Minute Work Life • White <p>All the same great handling and physical characteristics of our P-77 High Heat Resistant Filler/Fairing Compound but with a longer work life and a much lower density, making it the material of choice in many marine and aircraft applications. Its long work life and high heat resistance make it ideal for a wide variety of</p>

applications.

Applications: Ideal for use in filling and fairing large FRP composite surfaces.



HARDENER SELECTION GUIDE

	MIX RATIOS		Work Life	Time Before Sanding
	By Weight	By Volume		
ProFair	1R 1H	1R 1H	15-20 Minutes	4-6 Hours

ProFair Epoxy Fairing Compound and Adhesive is a thixotropic compound specially formulated for applications above or below the waterline. ProFair's convenient mix ratio of 1:1 by weight or volume and moderate work life make this material very adaptable to production surface fairing or bonding applications. ProFair is best used as a surface fairing compound for skimmed balsa, lead keels, or fiberglass, a keel to fiberglass hull adhesive, a joint filler or for general repair and bonding applications.

Features:

- Two component epoxy, thixotropic mix
- 15-20 Minute Work Life
- White

A 1R:1H epoxy adhesive compound specifically formulated for bonding and fairing applications above or below the water line. Its moderate work life and non-sag consistency are ideally suited for production surface fairing or bonding applications. It is an excellent adhesive for bonding lead and fiberglass keels as well as other types of equipment to the hull surface.

Applications: ProFair is best used as a surface fairing compound for skimmed balsa, lead keels, or fiberglass, a keel to fiberglass hull adhesive, a joint filler or for general repair and bonding applications.



Hardener Sold Separately

HARDENER SELECTION GUIDE

	MIX RATIOS		Work Life	Time Before Sanding
	By Weight	By Volume		
ProSeal EZ 15 Hardener	100R 21.5H	5R 1H	See Data Bulletin	4-6 Hours
ProSeal EZ 60 Hardener	100R 20.7H	5R 1H	See Data Bulletin	16-24 Hours

ProSeal EZ Resin is a white epoxy coating system developed for use in the manufacture of composite and wooden boats. This two component resin system will fill in and seal surface fabric textures in FRP reinforced structures, leaving a porosity free sandable surface, replacing the conventional method of blending resin, hardener and thickening additives. Typically, one application applied with brush, roller or squeegee, is all that is required to fill in the texture or weave in cloth fabric. ProSeal EZ is chemically resistant to refined petroleum fuels and water immersion, making it an ideal choice for sealing exterior and interior marine structures, above or below-the-waterline. Available with two hardener options and simple 5R:1H parts-by-volume mix ratio: ProSeal EZ 15 Fast Hardener and ProSeal EZ 60 Slow Hardener.

Features:

- Two component epoxy, thixotropic mix coating [2 hardener options]
- 15-60 Minute Work Life (depending upon which hardener is used)
- White

A marine epoxy coating system that offers superior handling characteristics, a choice of work life and excellent same day sanding characteristics. Will typically fill the surface weave texture of cloth in one application using brush, squeegee or roller; provides very good chemical and moisture resistance [not a topcoat].

Applications: A sandable coating developed to fill and seal the surface weave texture of cloth in one application using brush, squeegee or roller.

www.professionalplastics.com

sales@proplas.com

USA (888) 995-7767 – Singapore +65 6266-6193 – 台灣 Taiwan +886 (3) 5357850