



ULTRAFair 861 PRODUCT BULLETIN

MARINE FAIRING COMPOUND – 1:1 MIX

The new, improved UltraFair 861 Epoxy Fairing Compound is a convenient, easy to use, trowelable filler developed for filling or fairing large surface imperfections in aluminum, steel, fiberglass, or wooden marine vessels. The white resin and maroon 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. UltraFair 861 is 100% solids 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.*

Benefits:

- Convenient 1:1 volumetric mix ratio
- Easy to sand – Blush-free surface
- Can be applied up to 1" thick without sagging or shrinking during cure
- Positive mix indication
- Can be used above or below waterline
- Smooth, creamy paste mixes easily and trowels smoothly

Handling Characteristics @ 25°C/77°F:

Mix Ratio:	1R:H by volume
Viscosity:	Smooth, creamy paste
Mixed Density:	6.9 lbs./gal 0.03 lb/in ³
Pot Life:	45 – 55 minutes (151 gram mass)
Finish Time:	6 – 8 hours
Maximum Applied Thickness:	1 inch per coat
Theoretical Coverage:	11.5 sq. ft. per gallon kit @ ¼" thick 2.9 sq. ft. per gallon kit @ 1" thick
V.O.C.'s:	0
Color:	White Resin / Maroon Hardener

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WARRANTY: THE PURCHASER AGREES TO ACCEPT THE PRODUCT "AS IS" WITHOUT LIMITING THE GENERALITY OF THE PRECEDING SENTENCE. ADTECH EXPRESSLY DISCLAIMS AND THE PURCHASER EXPRESSLY WAIVES ANY WARRANTIES OF MERCHANTABILITY OR OF THE FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE. ADTECH DISCLAIMS AND THE PURCHASER WAIVES ANY CLAIM AGAINST ADTECH FOR DIRECT, INDIRECT, CONSEQUENTIAL OR EXEMPLARY DAMAGES AGAINST ADTECH, INCLUDING WITHOUT LIMITATION DAMAGES WHICH MAY BE INCURRED AS A RESULT OF THE PURCHASER'S USE OR MISUSE OF THE PRODUCT OR THE PRODUCT'S FAILURE TO CONFORM TO ANY PARTICULAR SPECIFICATIONS.

Application Guidelines:

Underlying primers coverage (gauged millage) must be to manufacturer's specification and it is critical that the underlying primer system must be allowed to reach complete cure before sanding. All finished primers and/or 861 must be blown down with clean, dry compressed air or wiped to a dust free state (clean rag). Sanding or further preparation of the 861 Fairing Compound is only possible after it has been allowed to fully cure to material specifications. Skinning of the 861 Fairing compound to itself without proper scarfing is not recommended and will result in poor adhesion.

To achieve desired results, it is critical that all tools, mixing boards, containers, and all other material application accessories must be free from contamination. Proper mixing of 861 Fairing Compound must be followed. A thorough mix is evident only when a positive color change appears between the resin and hardener and homogenous throughout. It is imperative that the 861 is applied to the prepared surface immediately upon achieving a proper mix. 861 fairing Compound must not be applied beyond the recommended pot life.

Crystallization:

Epoxies may form small crystals when exposed to moisture, dirt, low temperatures, or temperature cycling. To return the material back to its original state, heat to 130° F and stir until the crystals disappear. Do not use an epoxy if the crystals will not return to liquid form.

**For any questions relating to this or any other ADTECH product,
please contact Technical Service @ 1-517-543-7510**

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