



PROFAIR

EPOXY FAIRING COMPOUND & ADHESIVE

PRODUCT BULLETIN



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DESCRIPTION

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.

HANDLING CHARACTERISTICS @25°C/77°F

Mix Ratio (parts by weight or volume).....	100R/100H
Color.....	White
Consistency.....	Thixotropic paste
Application Temp (minimum)	13°C/55°F
Density	12.26 lbs/gal
.....	0.053lbs/in ³
Specific Gravity	1.469 gms/cc
Work Life (200 gram mass).....	15-20 minutes
Shelf Life of Resin (in original unopened container)	1 year
Shelf Life of Hardener (in original unopened container)	2 years

PHYSICAL PROPERTIES

Ultimate Tensile Strength (ASTM D-638.94b)	3,917 psi
Tensile Elongation (ASTM D-638.94b)	0.606%
Tensile Modulus (ASTM D-638.94b).....	1,097,000 psi
Ultimate Flexural Strength (ASTM D-790.92)	8,262 psi
Flexural Modulus (ASTM D-790.92)	676,000 psi
Ultimate Compressive Strength (ASTM D-695.91)	7,992 psi
Compressive Modulus (ASTM D-695.91)	1,474,000 psi
Average Moisture Absorption (ASTM D-570.81)	0.156 %
Hardness (ASTM D-2240.91).....	82 Shore D
Lap Shear Strength Aluminum to Aluminum (ASTM D-1002.72)	1,383 psi

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Supercedes 6/15/06

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