



PROSEAL PRODUCT BULLETIN

MARINE EPOXY COATING SYSTEM

ProSeal is a white epoxy coating system developed for use in the manufacture of composite and wooden boats. This two-component resin system will fill the weave in FRP panels with no porosity, replacing conventional resin/hardener/thickening powder mixtures. Typically, one application is all that is required to fill in the texture or weave in cloth fabric and can be applied easily by brush, roller, or squeegee. ProSeal provides very good chemical and moisture resistance making it an ideal choice for interior and exterior use. ProSeal is available with a fast or slow hardener to suit your application requirements.

ProSeal 15 offers a 5:1 volumetric mix ratio and a 15 minute pot life at 77°F.

ProSeal 60 offers a 3:1 volumetric mix ratio and a 60 minute pot life at 77°F.

Benefits:

- Choice of fast or slow hardeners
- Convenient 5:1 and 3:1 volumetric mix ratios
- Fills weave in one coat with no porosity
- Superior chemical and moisture resistance for interior or exterior use
- Above or below the waterline applications

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HANDLING CHARACTERISTICS @ 25°C/77°F				
Test	Test Method	ProSeal 15		ProSeal 60
Mixed Ratio	By Volume	5R:1H		3R:1H
Mixed Ratio	By Weight	100R:16.4H		100R:22H
Mixed Viscosity		14,500 cps		32,000 cps
Pot Life	200 g mass	15 minutes		60 minutes
Mixed Density	lbs/gal	10.92 lbs/gal		10.66 lbs/gal
Mixed Density	lbs/in ³	0.047lbs/in ³		0.046 lbs/in ³
Tack Time		2-3 hours		6 hours
Complete Cure		3-5 days		3-5 days
Color		White		White
Shelf Life		1 year		1 year
TYPICAL MATERIAL PROPERTIES				
Cast Bar: 7 days @ 25°C/77°F		ProSeal 15		ProSeal 60
Tensile Strength	ASTM D-638.94b	5,973 psi		3,940 psi
Tensile Elongation	ASTM D-638.94b	0.626%		1.023%
Flexural Strength	ASTM D-790.92	10,070 psi		6,305 psi
Compressive Strength	ASTM D-695.91	13,350 psi		7,112 psi
Compressive Modulus	ASTM D-695.91	244,700 psi		150,400 psi
Impact Strength	ASTM D-256.93A	5.06 in-lb/in		6.31 in-lb/in
Heat Deflection Temp	ASTM D-648.82	146.7°F		126.9°F
Avg Moisture Absorption	ASTM D-570.81	0.287%		0.07%

Chemical Resistance (ASTM D-570.98)

80 day fuel resistance survey

Average % weight increase -----0.109%

Shore D Hardness-----87D

Typical properties are only provided as a general guideline; not to be construed as specification.

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