



ProMarine
supplies

521 Marine Grade Epoxy Resin



Product Description

Pro Marine Supplies 521 Marine Epoxy Resin can be used with our 521 fast or slow hardener, depending upon your application. 521 Marine Epoxy Resin bonds with fiberglass, metals, wood, and composite fabrics and features superb strength, durability, and moisture resistance. The 521 epoxy cures to a high-strength solid suitable for laminating, bonding, fairing, coating, and reinforcing. Pot life ranges from 12 minutes @ 70°F for Fast Hardener, to 30 minutes @ 80°F for Slow Hardener. Cures to a high-strength, moisture-resistant, light amber plastic solid that can be sanded and shaped easily, once cured. Not suitable for clear-coating applications. Self-leveling properties are ideal for coating and laminating. Viscosity is favored for wetting out fiberglass cloth and other reinforcement fabrics easily. Use this versatile epoxy resin with 521 fast or slow hardener to complete a number of boat building, repair, and restoration projects.

- Bonds with fiberglass, reinforcement fabrics, wood, etched aluminum, and bare steel and lead
- Its viscosity is preferred for ease of wetting out fiberglass and other fabrics
- Makes a strong filleting or fairing compound or adhesive
- Excellent thin-film characteristics provide smooth flow-out and self-leveling ideal for coating and laminating
- Easily sanded and shaped once cured
- Easy to measure and mix using pre-calibrated 5:1 Epoxy Pumps (included), or by weight or volume
- Easy to apply by brush, roller, syringe, spreader, or by pouring onto wood, fiberglass, reinforcement fabrics, etched aluminum, bare steel, and lead.
- Compatibility: Pro Marine Supplies 521 Epoxy Resin can be used interchangeably with 521 Fast or Slow Hardeners
- Kits are available in quart and gallon sizes, with your choice of Pro Marine Supplies 521 Fast or Slow Hardener. The kit comes with resin, hardener, pumps and calibration instructions.



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521 Fast Hardener Product Specifications

Fast Hardener is a perfect selection for applications requiring quick working time and for use in cooler climates (recommended use 60-70°F)

- Minimum recommended temperature (Fast Hardener): 60°F - In cooler temperatures, the 521 Epoxy Resin/Fast Hardener mixture remains workable to give you adequate time for application, and it speeds up cure time.
- The recommended temperature for use and dispensing via pump: 60-70°F
- Pot life @ 70°F: 12 minutes (Fast Hardener)
- Set time @ 70°F (thin film): 6 hours
- Cure time @ 70°F (thin film): 1 to 4 days
- Hardener Color: 521 Fast (Dark Amber)

521 Slow Hardener Product Specifications

Slow Hardener is a perfect selection for applications requiring more working time and for use in warmer climates (recommended use above 80°F)

- Minimum recommended temperature (Slow Hardener): 80°F - Slow Hardener buys you a little more working time in warmer temperatures that tend to reduce working time and cure time of epoxy resins.
- The recommended temperature for use and dispensing via pump: above 80°F
- Pot life @ 80°F: 30 minutes (Slow Hardener)
- Set time @ 80°F (thin film): 10 hours
- Cure time @ 80°F (thin film): 1 to 4 days
- Hardener Color: 521 Slow (Clear-Light Amber)
Safety Information

NOTES: Always wear protective clothing and equipment to protect your eyes, skin, and lungs when working with 521 Marine Grade Epoxy Resin and Hardeners. Personal protective clothing should include appropriate gloves, safety glasses or goggles, a respirator, and protective clothing. **521 Marine Epoxy is not meant for clear coating, Table Top, Counter, or Art Applications. Please see our Table Top Epoxy for these types of applications.**