EPOXY LAMINATING SYSTEMS

AEROPOXY FROM PTM&W INDUSTRIES

PR2002 is a medium viscosity, unfilled, light amber laminating resin that is designed for structural production applications. 3 hardeners are available for use with PR2002. PH3660, has a 1-hour pot life. When used with either of these hardeners, the system gives excellent wet-out of fiberglass, carbon and aramid fibers. e: AEROPOXY contains no MDA (a known toxin and carcinogen) and meets or exceeds current OSHA requirements for safe use. Hardener PH3665 has a longer pot life than PH3660, 2 hours, that is useful for vacuum bagging larger parts before the resin has gelled. Hardener PH3630 is intended for smaller laminates, fast repairs or additions to a primary structure. PH3630 pot life is 30 min.

WEST SYSTEM EPOXY

WEST SYSTEM brand resins and hardeners, form a two-part epoxy system developed by Gougeon Brothers specifically for wood and composite boat construction. Rutan Aircraft Factory now recommends WEST SYSTEM epoxy for certain homebuilt aircraft applications, particularly where a moisture resistant epoxy is desired. 105 Resin is the base material on which all of the WEST SYSTEM epoxy systems are built. The resin is a clear, light amber, low-viscosity liquid. It is designed specifically to wet out wood fiber. With roller applications, it possesses excellent thin film characteristics in flowing out and is self-leveling without fish-eyeing. It is so resistive to high flash points it can be cured in a wide temperature range, then sanded and shaped. It cures quite clear so that the natural finish shines through. 205 Fast Hardener, when mixed with the 105 Resin in a ratio of 5 parts Resin to 1 part Hardener, yields a high-strength, rigid solid with excellent cohesive properties and provides an excellent moisture vapor barrier. The 105/205 Fast Hardener has a 15-15 minutes at 70°F. It is also recommended in coating applications where natural finishing is desired. Partial cure time at 70°F is 5-7 hours. 206 Slow Hardener is a low-viscosity mixture of polyamines. The 105/206 Slow Hardener has a pot life of 30-40 minutes at 70°F. It is normally used when extended time is needed for large coating and bonding applications. It is especially well suited to working in warmer climates. Partial cure time is 9 hours at 70°F.

Kit No. Kit Size Part No. #105 Resin Hardener Price

<table>
<thead>
<tr>
<th>Kit</th>
<th>No.</th>
<th>Size</th>
<th>Wt. (lbs.)</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>A-1</td>
<td>1.2 Qt</td>
<td>01-08100</td>
<td>32 Oz</td>
<td>$59.95</td>
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<td>A-2</td>
<td>1.2 Qt</td>
<td>01-08200</td>
<td>32 Oz</td>
<td>$59.95</td>
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<td>01-08300</td>
<td>120 Oz</td>
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<td>01-08400</td>
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<td>5.25 gal</td>
<td>01-08500</td>
<td>4.35 gal</td>
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<td>C-2</td>
<td>5.25 gal</td>
<td>01-08600</td>
<td>4.35 gal</td>
<td>$55.95</td>
</tr>
</tbody>
</table>

WEST COMPONENTS

- Resin/Hardener mixtures
- Resin/hardener containers
- One stroke from each pump
- Proportioning pump for A, B, and C epoxy kits.
- Resin/Hardener mixture.
- Pumps mount directly on resin and hardener containers. One stroke from each pump delivers proper ratio of resin to hardener. Kit consists of 3 pumps for A, B, and C epoxy kits.

WEST SYSTEM ACCESSORY PRODUCTS

- West System User Manual - P/N 01-08750 - FREE
- West System 501 White Pigment - use this epoxy based pigment to provide a neutral white base for the final coloring system. Mix at ratio of 1 : 30 gals of 105 Epoxy Resin and 205 Fast Hardener (19.2g mixed), adhesive filler, fairing filler, mixing cups, fiberglass, reusable mixing stick/applicator, syringe, two coating brushes, three pairs disposable neoprene gloves and complete handling and repair instructions. Kit 105-K. P/N 01-01521 - $33.35

WEST SYSTEM FIBERGLASS REPAIR KIT

Useful for a wide variety of fiberglass repairs, including repair of cracks, spars, loose hardware, gelcoat blisters, delaminated cored panels, holes, keel damage, and more. Kit contains eight pre-measured packets of 105 Epoxy Resin and 205 Fast Hardener (19.2g mixed), adhesive filler, fairing filler, mixing cups, fiberglass, reusable mixing stick/applicator, syringe, two coating brushes, three pairs disposable neoprene gloves and complete handling and repair instructions. Kit 105-K. P/N 01-01521 - $33.35

423 GRAPHITE POWDER

423 Graphite Powder can be mixed with WEST SYSTEM epoxy to produce a low friction coating with increased scuff resistance and durability. 423 is often used as a bearing surface, and as a coating on the bottoms of racing craft that are dry sailed. P/N 09-00315 - $20.99

301/303 PUMP PACK

Using Mini Pumps helps ensure accurate metering of resin/hardener mixture. Pumps mount directly on resin and hardener containers. One stroke from each pump delivers proper ratio of resin to hardener. Kit consists of 3 pumps for A, B, and C epoxy kits. P/N 01-00318 - $17.50