

## **WEST SYSTEM® Epoxy** **—alternate adhesive—**

Lonseal, Inc. and Gougeon Brothers, Inc. have completed compatibility testing of WEST SYSTEM® Epoxy with Lonseal sheet vinyl flooring products, and the 105 System is approved for use with Lonseal flooring products in marine or specialty vehicle applications.

**DISCLAIMER:** Use of WEST SYSTEM® Epoxy with Lonseal sheet vinyl flooring is subject to the Gougeon Brothers, Inc. limited warranty. This includes support for product performance claims and provisions on warranty coverage. Lonseal does not sell or market WEST SYSTEM® products nor is WEST SYSTEM® Epoxy covered by Lonseal's warranty.

Application will be per WEST SYTEM® requirements, which are as follows:

### Step 1 – Surface Prep

All surfaces should be clean, abraded, and free of contaminates.

- ▶ Wood Surfaces should be dry and sanded with 60 – 80 grit sandpaper.
- ▶ Gelcoat surfaces should be sanded with 80 grit sandpaper, with all the shine removed.
- ▶ Aluminum should be sanded or sandblasted, and etched using an aluminum etch kit. Contact West System for their recommended kit.
- ▶ Steel should be sanded or sandblasted, and wiped with a solvent to remove any contaminating oils.

### Step 2 – Mixing WEST SYSTEM® Epoxy

Read the User Manual (free from [www.westsystem.com](http://www.westsystem.com)) before beginning, to become familiar with the safety, mixing issues, and product choices. Either the 205 (fast), 206 (slow), or 209 (extra slow) hardeners can be used with the 105 resin.

1. Dispense, measure, or weigh the desired volume of West System resin and hardener into a mixing container. It is highly recommended to use the 300 Pump Set to accurately dispense the products at the proper ratio.
2. Stir thoroughly, taking care to scrape the sides and bottom of the mixing container. A well-mixed container of epoxy should appear as a homogeneous liquid without any visible swirls or dissimilar materials. This generally takes 1 – 2 minutes.
3. Once thoroughly mixed, add enough 406 Colloidal Silica to create an adhesive paste with the consistency of mayonnaise.

### Step 3 – Application of the adhesive and flooring

1. Using a notched trowel or spreader, apply the thickened mixture over the area thinly and evenly.
2. Lay the flooring into the mixture, taking care not to get adhesive on the surface of the flooring.

# LONSEAL

3. Using moderate pressure, press the flooring into the adhesive. A dry paint roller works well for this.
4. Clean any squeeze out from the edges. Remove any uncured epoxy from the surface of the flooring with isopropyl alcohol (70 – 90% solution) applied to a clean, dry cloth. Do not apply the isopropyl alcohol directly to the surface of the flooring, and avoid using harsh solvents, as these may permanently damage the surface of the flooring. Do not allow the epoxy to cure on the surface, as it will be impossible to remove without causing permanent damage to the flooring.
5. Allow the epoxy to cure to a minimum of 8 hours before walking on the floor. The cure speed of the epoxy is temperature dependent – warm temperatures speed the cure, while low temperatures slow it. Consult the WEST SYSTEM® User Manual for detailed cure information.

For additional information and assistance, please contact WEST SYSTEM® at 866-937-8797 or at [www.westsystem.com](http://www.westsystem.com).