

ATTENTION: Always refer to the **Technical Manual for Interior Flooring Products** and corresponding **Technical Data Sheets** for complete installation information prior to starting the job. Lonseal reserves the right to change our products' design, material, and/or to improve products or processes at any time without notice. Installation procedures and use of Lonseal adhesives must be in strict accordance with Lonseal's technical documents for warranty terms to be valid. **Please review the website for the most current technical information.**

RELATED TECHNICAL DATA SHEETS:

- ▶ #650 Two-Component, Solvent-Free Epoxy Adhesive
- ▶ Welding Thread

APPLICATION:

1. Prepare the approved type plywood panels by filling any joints or screw holes with a Portland cement-based patching compound. Prepare metal or fiberglass substrates by sanding with 60 grit sandpaper and brush or vacuum to remove any remaining debris. Prior to sanding, it is recommended that a metal substrate be wiped down with denatured alcohol applied to a clean cloth to remove any contaminants. **Always use caution when working with denatured alcohol.**
2. Ensure that all materials have been properly acclimated. Since it is possible that an elevator installation may not be performed in a temperature/humidity controlled environments, dimensional changes in the material and differing curing times with the adhesive will need to be taken into consideration. Please refer to **Notes** below for additional information.
3. Apply the #650 using a 1/16" x 1/32" x 1/32" U-notch trowel and lay the flooring immediately. The #650 is a wet set adhesive, and allowing too much open time will reduce its bond strength.
4. Once the flooring has been placed, roll it in both directions using a minimum 75 lb., three-section roller. Roll the floor again 2 to 3 hours later.
5. Heat weld all seams 24 hours after installation. See **Notes** below regarding products which cannot be heat welded due to their heavy embossing.
6. Perform initial maintenance 48 hours after installation.
7. The adhesive will be fully cured 72 hours after installation.

NOTES:

- ▶ When cutting the flooring to fit the installation location, be aware that sheet vinyl is subject to dimensional change. Lonseal accepts no responsibility for dimensional changes to Lonseal flooring products that are cut into shapes or cut outside recommended environmental conditions. The amount of change will depend on the environment in which the material is cut versus the environment in which it is installed. Keeping the material acclimated in similar, if not the same, environments can help reduce or eliminate this natural occurrence, as can cutting the material slightly larger than needed, and trimming to the correct size just prior to installation. Optimal acclimation and installation conditions will be in a controlled environment between 65 °F – 85 °F (18.3 °C – 29.4 °C).
- ▶ Lonseal adhesives are meant to be used in a controlled environment to ensure that they perform as detailed in their technical data sheets. When not installing in a controlled environment, the adhesives may have different curing times. A bond test is recommended to determine how the adhesive will be affected by these types of installation conditions.
- ▶ Heavily embossed products (e.g. Lonplate I or Lonplate II) cannot be heat welded, and seams may be left untreated due to the full spread of epoxy adhesive being used. Ensure the seams are as tight as possible to minimize the build-up of debris and soiling. This may be accomplished by double- or underscribe-cutting.
- ▶ DFT and Lonsealer must not be used for elevator installations.