

**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 (TYPE I AND TYPE II – LONMAT UV AND LONMAT XL):**

1. Prepare the metal deck by wiping it down with denatured alcohol applied to a clean cloth to remove any contaminants. Always use caution when working with denatured alcohol.
2. Abrade the surface of the metal deck with 60 grit sandpaper, and brush or vacuum the surface to remove any remaining debris.
3. Ensure that all materials have been properly acclimated. Since most Lonmat installations are not performed in temperature/humidity controlled environments, dimensional changes in the material and differing open/working times with the adhesive need to be taken into consideration. Please refer to **Notes** below for additional information.
4. Apply a full spread of the #650 using a 1/16" x 1/32" x 1/32" U-notch trowel.
5. After placing the flooring into the wet adhesive, roll in both directions with a minimum 75 lb., three-section roller, checking for full adhesive transfer from the substrate to the back of the material. Roll again 2 to 3 hours later.
6. Allow no foot traffic for 24 hours after installation.
7. Heat weld all seams 24 hours after installation. Chemical welding is not an option, nor is heat welding any seam prior to that time.
8. After 72 hours, the adhesive will be fully cured, and any heavy traffic or rolling loads may be permitted.

**APPLICATION (TYPE III – LONMAT DIAMOND):**

1. For use as a portable runner.

**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 open and working times. A bond test is recommended to determine how the adhesive will be affected by these types of installation conditions.
- ▶ It is only recommended to use Lonseal adhesives. Should another manufacturer's adhesive be used, it will not be supported by Lonseal. Should any issues arise with the adhesive, such as bond failure or adhesive displacement, that manufacturer will need to be contacted to address the situation.
- ▶ DFT must not be used for any seams.