

ATTENTION: Always refer to the **Technical Manual for Interior Flooring Products** or **Londeck Manual** 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:

- ▶ Show Tape
- ▶ #400 Contact Adhesive
- ▶ Premium Bond #755 Sheet Vinyl Adhesive
- ▶ #650 Two-Component, Solvent-Free Epoxy Adhesive
- ▶ Lontape
- ▶ Welding Thread

APPLICATION (TEMPORARY):

1. Ensure the substrate is clean and free of any debris.
2. Ensure that all materials have been properly acclimated. When installations are not performed in temperature/humidity controlled environments, dimensional changes in the material should be taken into consideration. Please refer to **Notes** below for additional information.
3. Apply Show Tape to the back of the flooring around the entire perimeter of each sheet to be installed. Then apply the tape to the back of each sheet, spaced a maximum of 12" apart in the roll direction. The more tape applied, the more secure the floor's bond will be to the substrate. An inadequate quantity of tape could result in buckling across the surface of the sheet.
4. Place and align the sheet, and then gently fold the flooring over itself lengthwise, keeping the radius large when folding the material. Failure to do so could result in damage to the flooring, and visual imperfections may appear on the surface. Remove the liners from one half of the sheet, and slowly replace the floor, applying pressure from the center out to the edge. Repeat with the other half of the flooring, and repeat this process with any remaining sheets.
5. Seams may be left untreated or heat welded.
6. Upon completion of the show, the releasing agent in the Show Tape allows for easy removal from the substrate. Any residue which remains on the substrate may be removed with a mild detergent and warm water applied to a clean cloth.
7. Perform initial maintenance, if necessary.

Disclaimer: Due to the nature of this type of installation, the wearing of the flooring will not be covered by Lonseal's **Commercial Interior Flooring Products 10 Year Warranty**. The defect warranty still applies, but verification of the flooring's condition should be made upon receipt, as installation constitutes full acceptance of the material. Proper storage*, shipping, and acclimation to the installation area is critical. Failure to follow Lonseal's recommendations can result in the flooring failing to fully relax and lay flat.

*Flooring should always be stored tightly wrapped on a cardboard core facing outward, and kept standing on end when not being transported.

APPLICATION (PANELS):

1. Prepare the substrate panels per the **Technical Manual for Interior Flooring Products**.
2. Ensure that all materials have been properly acclimated. When 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.
3. Apply the #400 to both the back of the material and to the substrate using a 3/8" nap roller or paint brush. Place the floor into the adhesive while it is still slightly wet. Do not allow the #400 to dry, as this will result in a poor bond.
4. Roll the flooring into the adhesive with a J-roller or three-section laminate roller. The installer should put enough weight behind the roller to help ensure a good bond. The #400 results in an instant bond, and should also not be disturbed after rolling.
5. Perform initial maintenance, if necessary, 48 hours after installation.
6. After 72 hours the adhesive will be fully cured.
7. Store multiple panels face-to-face to protect the surface of the flooring during transport. Proper care and storage of the panels will help prolong the life of the show floor.

APPLICATION (PERMANENT):

1. Prepare the substrate per the **Technical Manual for Interior Flooring Products** or **Londeck Manual**, depending on the installation location.
2. Ensure that all materials have been properly acclimated. When 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.
3. Apply the adhesive using the appropriate trowel. For fully interior installations use the #755, for semi-exterior and exterior installations use a full spread of the #650.
4. After allowing for adequate open time, roll the flooring into the adhesive in both directions using 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 if the #650 was used.
5. Heat weld all seams 24 hours after installation.
6. Perform initial maintenance 48 hours after installation.
7. After 72 hours the adhesive will be fully cured.

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.
- ▶ For shows which will display products containing rubber or vehicles, it is strongly recommended that clear, acrylic sheets be placed between the object or tires and the flooring to prevent discoloration from plasticizer migration, which can occur when rubber comes into contact with vinyl. The clear acrylic will still allow the floor to be seen.
- ▶ Lontape may be used as an alternative to the adhesives noted above for permanent installations. Follow the application instructions as noted in the Lontape TDS. Heat welding may be completed the same day Lontape is used, and any initial maintenance may be performed 12 hours after installation.