

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
- ▶ Premium Bond #755 Sheet Vinyl Adhesive
- ▶ Welding Thread
- ▶ Double Face Tape (DFT)

APPLICATION (AS TILES ON INDIVIDUAL PANELS):

1. Ensure the substrate is prepared per the **Technical Manual for Interior Flooring Products**, and that all materials have been properly acclimated.
2. Cut the flooring, using CNC or water jet method, to fit the individual panel modules.
3. Apply the #650 using a 1/16" x 1/32" x 1/32" U-notch trowel.
4. Place the flooring into the adhesive while it is still wet, and roll in both directions with a J-roller or three-section laminate roller, checking for full adhesive transfer from the substrate to the back of the material.
5. Secure the edges to the panel with 2" wide masking or painter's tape, and stack the panels face-to-face horizontally until the adhesive has fully cured, to ensure positive contact between the flooring and adhesive. If only a single panel is being installed, or panels are unable to be placed face-to-face, roll the material again 2 to 3 hours later.
6. Perform initial maintenance 48 hours after installation.
7. After 72 hours, the adhesive will be fully cured.

APPLICATION (AS FULL SHEETS):

1. The raised panel system is to be covered with underlayment panels that are a minimum of 1/2" (12.7 mm) thick, and fastened at standard intervals with compatible, countersunk screws.
2. If the raised panel system is over a concrete subfloor, the concrete must be tested for moisture, by calcium chloride (per ASTM F1869) and relative humidity (per ASTM F2170) testing. If either of the results exceeds the stated maximums, then supply a 10 mil vapor retarder (per ASTM E1745) beneath the underlayment panels. If the raised panel system is less than 18" above the concrete subfloor, the vapor retarder must be installed, regardless of concrete moisture levels.
3. Ensure the underlayment panels are prepared per the **Technical Manual for Interior Flooring Products**, and that all materials have been properly acclimated.
4. Apply the #755 using a 1/16" x 1/32" x 1/32" U-notch trowel.
5. After allowing for adequate open time, place the flooring into the adhesive, and 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.
6. All seams must be heat welded. Unless Double Face Tape (DFT) was used at the seams, wait 24 hours before heat welding.
7. Allow no foot traffic for a period of 24 hours after installation.
8. Perform initial maintenance 48 hours after installation.
9. After 72 hours, the adhesive will be fully cured.

NOTES:

- ▶ When cutting the flooring to fit to the panel sizes, be aware that sheet vinyl is subject to dimensional change to a greater degree than vinyl tile. Lonseal accepts no responsibility for dimensional changes to Lonseal flooring products that are cut into shapes. 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.