

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.**

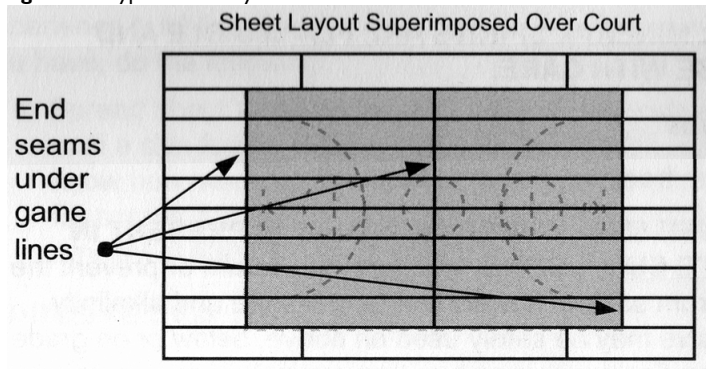
RELATED TECHNICAL DATA SHEETS:

- ▶ #650 Two-Component, Solvent-Free Epoxy Adhesive
- ▶ Premium Bond #755 Sheet Vinyl Adhesive
- ▶ Welding Thread

APPLICATION:

1. Ensure the substrate is prepared per the **Technical Manual for Interior Flooring Products**, and that all materials have been properly acclimated. Lonseal does not recommend any Sport Flooring products be installed over existing floor coverings. All existing floor coverings must be removed in their entirety.
2. When planning the layout of the sheets, keep in mind that Loncourt I and Loncourt UV rolls are 50' long, while Lonwood Performa and Lonwood with Foam are 60' Long. Loncourt I and Loncourt UV should be laid out so that the cross-seams occur at the center and end court lines as noted in **Figure 1** below. For all other sport flooring, the seams should be staggered to optimize material usage. See **End Seam Dip** below for additional information.
3. If there will be roll-out bleachers used on the flooring, then #650 must be used beneath them. Using a pencil or chalk line, place an outline which extends a minimum of 48" beyond the fully opened bleacher's footprint. Only use Loncourt I or Loncourt UV with roll-out bleachers.
4. Perform a bond test for the adhesives used. This will not only test the bond strength of the underlayment and adhesives, but will also help to give a general idea of the open time needed for the adhesives. The #650 is a wet set adhesive so its application should coincide with the #755 being ready to accept the flooring.
5. Apply the #755 using a 1/16" x 1/16" x 1/16" square notch trowel, and the #650 using a 1/16" x 1/32" x 1/32" U-notch trowel.
6. Double Face Tape (DFT) must not be used for any seams.
7. After placing the flooring into the adhesives, 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. If end curl occurs during installation, refer to **End Curl** below.
8. Allow no foot traffic for 24 hours after installation.
9. Heat weld all seams 24 hours after installation. Chemical welding is not an option, nor is heat welding any seam prior to that time.
10. Perform initial maintenance 48 hours after installation if no game lines are to be painted on the flooring. If game lines are to be painted on the flooring, refer to **Game Line Paints** below prior to performing any initial maintenance.
11. It is recommended that a minimum of 6 – 8 coats of finish be applied, but total coats should be confirmed with the maintenance product manufacturer based on expected use of the facility and current maintenance program. If a field-applied urethane is to be used, follow that manufacturer's recommendations for application. For Loncourt UV, additional finishes are not required.
12. After 72 hours, the adhesives will be fully cured, and any heavy traffic or rolling loads may be permitted.
13. If roll-out bleachers are to be installed, it is highly recommended that the flooring be adequately protected to prevent any permanent damage, by covering it with plywood (1/4" thick minimum) during the course of the installation.

Figure 1 – Typical Seam Layout



SPRAY ADHESIVE ALTERNATE: As an alternate to the #650, Spray-Lock® 3100 may be used to provide immediate shear strength, and allows immediate traffic after installation. When using Spray-Lock under roll-out bleachers, spray the perimeter a little heavy, and then roll the entire area very well. Heat welding in areas of Spray-Lock may occur one hour after installation. Please contact Lonseal's Technical Department for additional information, prior to using Spray-Lock adhesive with Lonseal flooring.

END CURL: If end curl occurs after the flooring has been placed into the #755, follow the instructions below. If occurring with the #650, only follow Step 3 noted below.

1. Pull approximately 6" of the sheet back, and apply additional #755 to the backside of the flooring with a paint brush. If no brush is available, the flat side of a trowel may be used in a scraping motion to apply the adhesive.
2. Allow enough open time for the adhesive to turn almost clear, then after laying the floor back into the adhesive roll with a minimum 75 lb., three-section roller.
3. Place a smooth, clean piece of plywood centered on the cross-seam, and apply weight for 72 hours, when the adhesive will be fully cured.

END SEAM DIP: End seams of Loncourt I, Loncourt UV, and Lonwood Performa may dip slightly. It is good practice to place end seams where center and end court lines will be placed.

GAME LINE PAINTS:

- ▶ It is recommended that the initial maintenance be delayed until after the game lines have been applied. Until that time, dust mop only, and do not commence any machine maintenance until 30 days after the game line paint has been applied.
 - ▷ Confirm with the paint manufacturer how much time should be allowed after placing the game lines before applying floor finish.
 - ▷ With the exception of Loncourt UV, all game lines should be painted prior to placing any finishes.
- ▶ On textured surfaces, game line paint can leach under the masking or painter's tape. Before proceeding with game line application, apply the tape and paint to a scrap piece of flooring to get a feel of how they will work together.
- ▶ The following list of suggested manufacturers is based on compatibility testing, performance, and customer support. All details and technical support will be through the manufacturer, and when contacting, be sure to request color charts, application guidelines, coverage, SDS, and the name(s) of certified installers.

Manufacturer	Phone	Web	Contact
Can-Am Coatings — Endura Paint Distributors	(619) 937-0430	www.enduraua.com	Tom Whitelock tom@canamcoatings.com
JFB Hart Coatings, Inc.	(630) 461-9528	www.jfbhartcoatings.com	Jason Beedie jasonbeedie@jfbhartcoatings.com
Tradewinds International, Inc.	(562) 424-1739	www.twi-coatings.com	Douglass Moody tradewinds@usa.com