

**ATTENTION:** Always refer to the most current technical information available at [www.lonseal.com](http://www.lonseal.com), and review completely prior to starting the job. Lonseal reserves the right to change its products' design and material, or to improve products or processes at any time without notice. Installation procedures and use of Lonseal products must be in strict accordance with Lonseal's technical documentation for warranty terms to be valid.

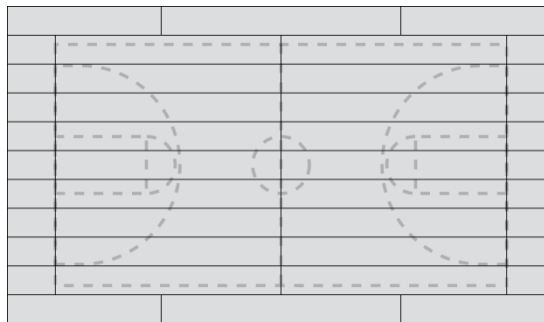
**RELATED TECHNICAL DATA SHEETS:**

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

**APPLICATION:**

1. Prepare the approved substrate as detailed in the **Interior Flooring Manual** and ensure all products have been properly acclimated prior to installation. Lonseal's Fitness Flooring (Loncourt I, Loncourt UV, Lonwood Performa, and Lonwood with Foam) must not be installed over an existing floor covering. All existing floor coverings must be removed in their entirety.
2. While planning the layout of the flooring, note that Loncourt I and Loncourt UV rolls are 50 ft. (15.2 m) long., while all other flooring rolls are 60 ft. (18.3 m) long. See **End Seam Dip** below for more information.
3. If roll-out bleachers will be used on the flooring, then #650 must be used beneath them. Using a pencil or chalk line, place an outline that extends 48 in. (121.9 cm) beyond the footprint of the fully opened bleachers. Only Loncourt I or Loncourt UV may be used with roll-out bleachers. Note that the #650 is a wet-set adhesive, while the #813 requires open time, so plan the adhesive application accordingly. Make note of where the bleacher's wheels will move back and forth during operation, and relocate any seams that would be beneath and in line with the wheels' paths. This will prevent unnecessary stress on the seams. See **Notes** below for additional information.
4. Apply a full spread of the #813 using a 1/16 x 1/16 x 1/16 in. (1.6 x 1.6 x 1.6 mm) square notch trowel. If using the #650, it should be applied full spread within outlined area using a 1/16 x 1/32 x 1/32 in. (1.6 x 0.8 x 0.8 mm) U-notch trowel.
5. After allowing for sufficient open time, place the flooring into the adhesives and roll in both directions with a minimum 100 lb. (45.4 kg), three-section roller, checking for full adhesive transfer from the substrate to the back of the flooring. Roll again 2 to 3 hours later if the #650 was used. If end curl occurs at any point during the installation, refer to the **Interior Flooring Manual** for more information on ways to address it.
6. Allow no foot traffic for 24 hours after the flooring 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. Perform initial maintenance 48 hours after the flooring installation if no game line paints will be applied. If game line paints will be applied to the flooring, see **Game Line Paints** below for more information.
9. After 72 hours the adhesives will be fully cured. Do not allow any heavy traffic or loads, including the use of any roll-out bleachers, until after this time has elapsed.
10. If roll-out bleachers will be installed, it is highly recommended that the flooring is adequately protected to prevent any permanent damage during their installation. Cover the area with 1/4 in. (6.4 mm) thick minimum plywood panels.

**END SEAM DIP:** End seams may dip slightly. It is good practice to place end seams where center and end court lines will be placed whenever possible, as shown in **Figure 1** below. When installations will not use or follow any specific game line layout, it is best to stagger the sheets to optimize material usage.



**Figure 1:** Sheet Layout over Basketball Court Lines

**GAME LINE PAINTS:**

- ▶ For all flooring except Loncourt UV, it is recommended that the application of any floor finish be delayed until after the game line paints have been applied.
  1. Perform the initial maintenance procedures up to the point where floor finish would be applied. Ensure the flooring is completely dry before proceeding.
  2. Apply the game line paints following the manufacturer’s recommendations for application onto sheet vinyl. If painting on a textured surface, the paint may leech under any masking or painter’s tape used. Before proceeding with the application, apply the tape and paint to a scrap piece of flooring to get a feel of how they will work together.
  3. After allowing the paint to fully cure, clean the flooring and apply the finish as directed. Verify the recommended time to wait between paint and floor finish applications with the paint manufacturer.
- ▶ For Loncourt UV, the game line paints should be applied immediately after initial maintenance is completed and the flooring is completely dry.
- ▶ Do not proceed with any machine maintenance until 30 days after paint application or as directed by the paint manufacturer. Perform only manual maintenance using microfiber mops until the proper time has elapsed.
- ▶ The following list of manufacturers have tested and approved their products for use with Lonseal’s flooring. All warranties and support for these products will be with through the listed manufacturer.

Manufacturer	Phone	Website	Contact
Can-Am Coatings – Endura Paint Distributor	(619) 937-0430	<a href="http://www.endurausa.com">www.endurausa.com</a>	Tom Whitelock <a href="mailto:tom@canamcoatings.com">tom@canamcoatings.com</a>
Yenkin-Majestic Paint Corporation	(630) 461-9528	<a href="http://www.yenkin-majestic.com">www.yenkin-majestic.com</a>	Jason Beedie <a href="mailto:jasonbeedie@yenkin-majestic.com">jasonbeedie@yenkin-majestic.com</a>

**ALTERNATE ADHESIVES:**

- ▶ Spray-Lock® 3500 may be used as an alternative to the #650 and #813, applied to the entire installation area. It allows for heat welding one hour after installation and immediate traffic after installation, including roll-out bleacher use. Refer to [www.spraylock.com](http://www.spraylock.com) for additional information regarding the use of Spray-Lock® 3500 with Lonseal flooring.

**NOTES:**

- A. The use of the epoxy at roll-out bleacher locations will help ensure adhesive displacement does not occur from their high dynamic and point loads. Its use does not prevent indentations in the surface of the flooring. As a resilient flooring product, indentations are normal and to be expected. Typical indentations can be expected to recover within a few hours, while indentations from higher loads, may take up to 24 hours or longer, depending on the total load.
- B. When using roll-out bleachers, contact the bleacher manufacturer to ensure the wheels are suitable for use with sheet vinyl and always ensure the wheels are clean and undamaged. Use of incorrect or damaged wheels could cause permanent indentation or damage to the flooring. Optimal wheels will have a flat or U-shaped profile, to better distribute the load at the contact point with the flooring.
- C. Installations using Lonsafe, Lonwood Performa, or Lonwood with Foam may be flash coved, but will require additional instructions. Please contact Lonseal’s Technical Department for more information. Lonseal’s Loncourt products are not intended be flash coved.
- D. When using wheels, mats, or other items that will be in direct contact with the flooring, they must be non-rubber and non-staining. Failure to do so could result in damage to the flooring, including permanent staining or discoloration. Contact the manufacturer of the item to confirm its compatibility with sheet vinyl prior to its use.