

GENERAL INSTALLATION GUIDELINES FOR Herringbone Flooring



Mannington Herringbone Flooring is a pattern produced by alternating rows of Flooring. This product may be installed on properly prepared floors and walls. This pattern is classically beautiful; however, it is difficult to lay out and install. We recommend installation is completed by a skilled craftsman. Mannington recommends the use of NWFA-certified installers. To find an installer, please go to <https://www.woodfloors.org/certified-professional-search.aspx>

Mannington Herringbone is an engineered Hardwood manufactured in fixed lengths with a tongue and groove on the long side and grooves on both ends. This product is designed to be installed as a full glue-down only. A spline may be used if necessary to secure the ends. Please follow all standard Mannington Engineered Hardwood instructions for handling, site prep and conditions.

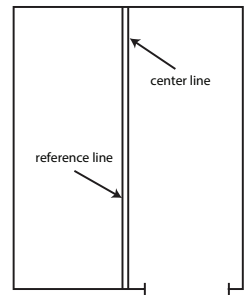
STEP 1 – LAYOUT THE ROOM

1. Check the room for squareness. Measure the diagonals of the room. If they are equal, the room is square.
2. Herringbone is, at best, a difficult pattern to put down. Two things must be considered when deciding on the orientation of the Herringbone pattern:
 - Centering the pattern in the long dimension of the room.
 - The pattern running to the major architectural interest point of the room, e.g. main entrance, window wall, or fireplace.
3. Pre-plan your working lines. It is usually best to center your first line along the orientation of the pattern (Drawing A.) This line is called the center line. Plan the layout, follow the example given in Drawing D.

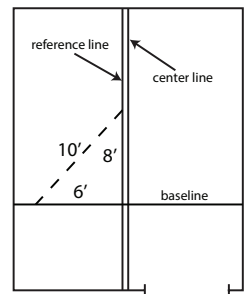
STEP 2 – SNAP THE CHALK WORKING LINES

1. Snap the center line
2. Establish the center focal point of the pattern desired for your layout. A Herringbone pattern unit may have 3 center points.
3. Chalk the reference line along the points of the pattern as shown in Drawings E and F (next page). This line is parallel to the center line and is the distance from the selected center point of the pattern to the far-left point of the pattern. This is the line to begin installing to.
4. Snap the baseline perpendicular to the center line about 3' or 4' from the near wall. (Drawing B) Check the angle, using the 6', 8' and 10' triangle. Use 3', 4', 5' triangle for smaller areas. Measure 6' along the baseline from the intersection of the baseline and the reference line. Then measure 8' from the same point along the reference line. The distance between these two points will be 10' if the baseline is perpendicular to the center line. IF THE LINES ARE NOT PERPENDICULAR, YOU MUST CORRECT THEM. (Drawing B)
5. Chalk the Starter Diagonal Measure 6' along the baseline and the reference line. (Drawing C) Scribe an arc from each point that intersects in the upper right quadrant. Chalk a line that passes through the intersection of the two arcs and the intersection of the baseline and reference line.
6. Chalk the Starter Diagonal Measure 6' along the baseline and the reference line. (Drawing C) Scribe an arc from each point that intersects in the upper right quadrant. Chalk a line that passes through the intersection of the two arcs and the intersection of the baseline and reference line.

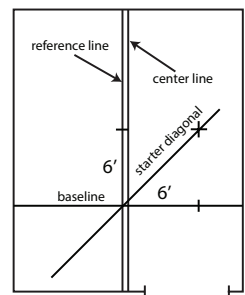
DRAWING A



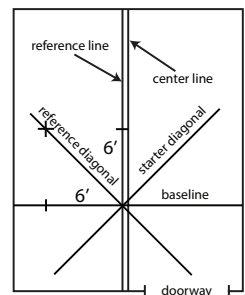
DRAWING B



DRAWING C



DRAWING D



STEP 3 – SPREAD THE ADHESIVE

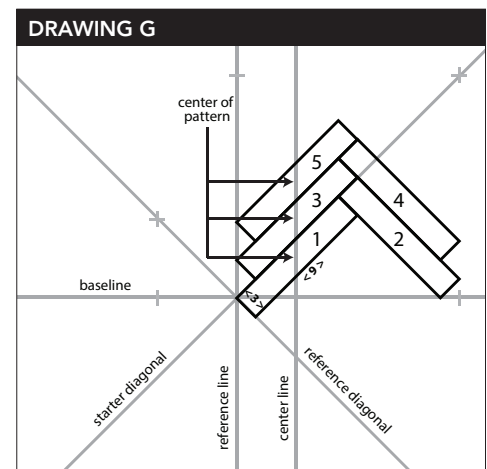
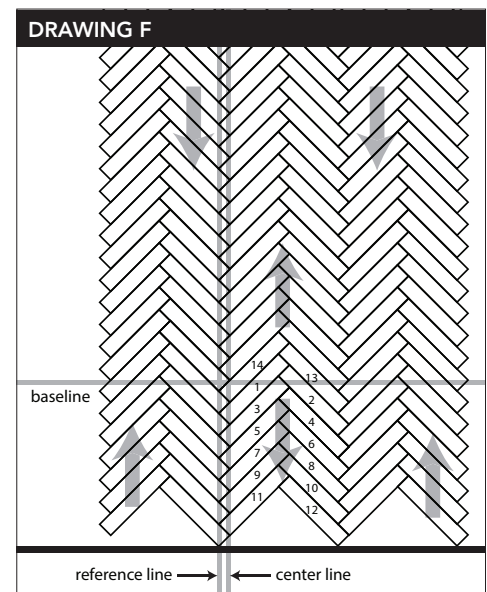
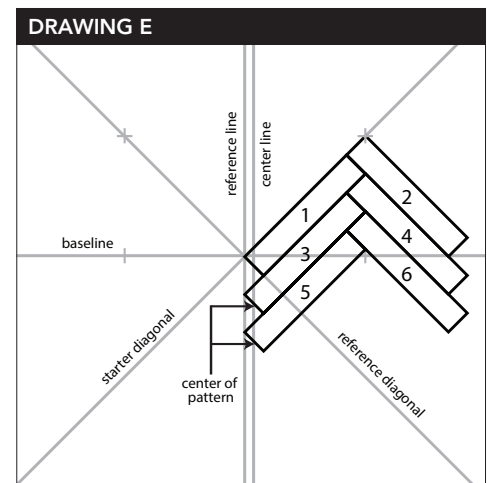
Mannington strongly recommends the use of UltraSpread EZ adhesive. This urethane adhesive has been specifically designed to work with Mannington Engineered Hardwood products.

1. Be sure that the interior of the room in which you are working, and the adhesive, are in the proper temperature range recommended by the glue manufacturer, usually 60° to 72° Fahrenheit (15.6° to 22.2° Celsius). If it is colder or warmer than recommended, there could be difficulty in spreading the adhesive, or getting it to set up as desired. Always follow the adhesive directions.
2. Observe the recommendation for open time (setting up or hardening) on the adhesive. This allows the adhesive time to come to the proper consistency for glueing down the flooring. **DO NOT COVER THE WORKING LINES** (reference line, diagonal and baseline) with adhesive. Spread adhesive as close as possible without obscuring the working lines. (Drawing E and F)
3. Do not cover the area most convenient to the entrance and starting point with adhesive. This will allow movement of materials to be accomplished without awkward motion or stepping in adhesive. This area is covered with adhesive toward the end of installation after all materials are in the room.

STEP 4 – START INSTALLING FLOORING AT INTERSECTION OF ALL WORKING LINES

The selected center point of a Herringbone Unit will be along the center line.

1. Place the first piece of flooring as shown in Drawing E and F. The tongue edge of the piece should face the near wall, with the tongue edge along the Starter Diagonal. The left corner of piece #1 should be aligned with the intersection of the reference line and baseline. Use a releasable tape to keep the planks from separating in the wet adhesive.
2. Place the second piece as shown in Drawing E and F. This piece must be perpendicular to piece #1. Use a carpenter's framing square to ensure **PRECISE ALIGNMENT**. These two pieces determine the squareness of the entire installation. After a piece has been placed in the adhesive, there can be minor adjustments in alignment by tapping the piece with a rubber mallet or similar non-marring instrument.
3. Continue placing the pieces in the order shown in Drawing E and F. Continue with the pattern until reaching the near wall. Then turn around and work the two-plank "V" pattern up the center line to the far wall. Once, a two-plank pattern has been installed the entire length of the focal point, then begin installing one row at a time, alternating the direction of the planks. One row south, the next row north, and so on.
4. Start each row carefully using a square to align the starting piece of each row, and periodically checking the alignment. Leave the cut pieces that will fit along the walls as the last step.
5. Continue alternating one row at a time, back and forth until the room is completed. Remove all releasable tape within 4 hours of completion. Install all appropriate transitions and finish moldings.
6. It is considered best work practice to allow an expansion between product and permanent structure. Cut floor to within 1/8" to 1/4" of the walls.



GENERAL REMINDERS

- Upon opening flooring cartons, remove manufacturers' recommendations. Read and follow all instructions carefully.
- Adhesive will allow pieces to slip when sideways pressure is applied for some time after open time has elapsed. Use a releasable blue tape or equivalent to prevent slippage. For the same reason, no heavy furniture or activity should be allowed on the finished floor for a minimum of 24 hours.
- Any oozing adhesive should be cleaned during installation. Always check your work before leaving the job site. Dried adhesive can be cleaned using urethane removing products or a rag dampened with mineral spirits.