Crescent Hardwood Collection

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Warehouse District Herringbone Plank

3/8" x 4 3/4" x 24" Engineered Hardwood Flooring
Single Strip Herringbone Glue-Down Installation Instructions

IMPORTANT NOTICE

Installation of this flooring must be performed by a qualified professional installer, NWFA certified, familiar with engineered hardwood flooring and herringbone pattern installations. Installation procedures shall follow current guidelines published by the National Wood Flooring Association (http://NWFA.org).

Installer and owner are responsible for inspecting flooring prior to installation. Material installed with visible defects will not be covered under warranty.

JOBSITE CONDITIONS

- Maintain the building in a climate-controlled condition before, during, and after installation.

Required conditions:

- Interior temperature must be maintained between 60°F and 80°F.
- Relative humidity must be maintained between 40% and 60% target 50%.
- HVAC systems must be fully operational a minimum of 5 days prior to installation.
- Wet trades such as drywall, painting, concrete, masonry, and tile work must be completed and dry prior to flooring delivery.
- Landscape should be sloped away from home, so water drains away
- Crawl spaces must be dry and properly ventilated. Black 6mil poly should cover mud under the house secured properly.

Failure to maintain proper environmental conditions may result in excessive movement, gapping, cupping, crowning, or other performance issues.

JOBSITE REQUIREMENTS

Wood subfloors must be structurally sound, flat within 3/16" in 10' or 1/8" in 6', and dry. Concrete subfloors must be fully cured, structurally sound, and free of contaminants. Concrete moisture testing is mandatory prior to installation. Maximum allowable readings: 3 lbs. Calcium Chloride or 75% RH.

ACCLIMATION

Flooring must be acclimated to the environment in which it will be installed. Unopened cartons should be placed inside the installation area for a minimum of 24 hours under normal living conditions. Do not deliver flooring to the jobsite until all wet trades are complete.

Acclimation time may vary depending on jobsite conditions and geographic location. Installer must verify moisture conditions before installation begins.

SUBFLOOR REQUIREMENTS

Subfloor must be structurally sound, clean, dry, flat, and free of contaminants. Acceptable substrates include concrete, ¾" APA approved plywood, and ¾' TECO rated OSB subfloors approved for glue-down installations Flatness Requirements 3/16" within 10' or 1/8" within 6'. High spots must be ground down. Low areas must be filled using a cementitious patch or leveling compound.

IMPORTANT:
Any patching or leveling compound used MUST be compatible with the adhesive manufacturer's recommendations. Always follow adhesive / leveling manufacturer instructions regarding primers, patches, moisture barriers, and leveling materials

MOISTURE TESTING

Concrete and wood subfloors must be moisture tested prior to installation.

Concrete Subfloors:
Perform one or more of the following tests:
- Calcium Chloride Test ASTM F1869
- Relative Humidity (RH) Probe Test ASTM F2170

Follow adhesive manufacturer moisture limits and requirements.

Wood Subfloors:
Wood subfloor moisture content should not exceed: 11% moisture content on inside subfloor and 15% on crawl space side. Maximum 4% difference between subfloor and flooring material If moisture tests exceed acceptable limits, installation MUST NOT proceed. Remedial action must be taken to correct moisture-related issues before installation begins.

Examples may include:
- Additional drying time
- Moisture mitigation systems for concrete subfloor
- Moisture barrier adhesive systems
- Correction of drainage or water intrusion problems raised wood frame houses
- Correction of drainage or water intrusion problems

Retailer and/or Installer assumes all responsibility for installation over unacceptable moisture conditions.

ADHESIVE REQUIREMENTS

Use only premium wood flooring adhesives approved for engineered hardwood flooring installations.

Recommended:
• Moisture barrier adhesive systems
• Adhesives approved for concrete slab installations over floor patch rated for high moisture situations.

Follow adhesive manufacturer spread rates, trowel requirements, working times, and curing procedures.

LAYOUT & HERRINGBONE INSTALLATION

GENERAL INFORMATION

This product is:
• 3/8" thick x 4 3/4" wide x 24" long
• Single strip engineered hardwood herringbone flooring

Herringbone installation requires careful layout planning to maintain straight lines and proper alignment throughout the installation. Best practice is to have a NWFA certified installer perform your installation. https://nwfa.org/

Installer should dry lay several rows before adhesive application.

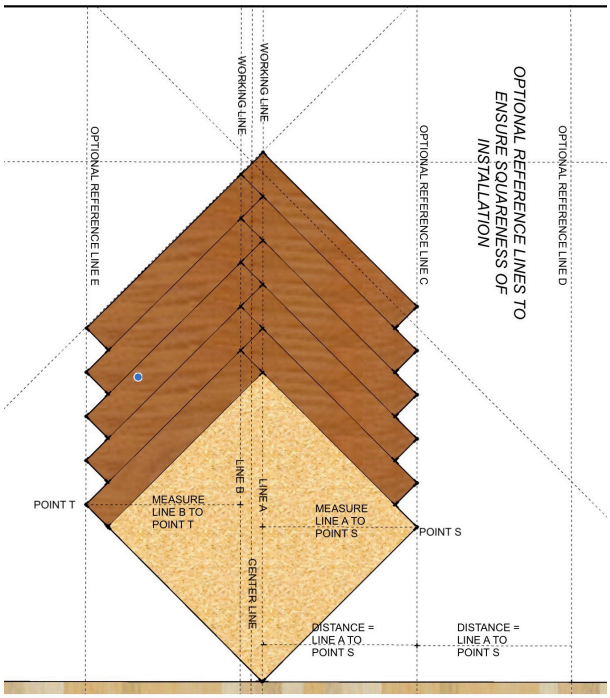
STARTING THE LAYOUT

1. Determine the centerline of the room.

2. Establish a perfectly square working line using chalk lines.

3. Verify all layout lines using the 3-4-5 triangle method or laser system.

4. Begin installation from the center working line whenever possible.



Because herringbone patterns magnify alignment errors, maintaining square layout lines is critical.

HERRINGBONE INSTALLATION DETAILS

Each plank is installed at a 90-degree angle to the adjoining plank creating the traditional herringbone appearance.

The 24" plank length and 4 3/4" width create a large-format herringbone visual.

Installer Tips:
- Frequently check alignment during installation
- Keep pattern centered in room
- Use spacers at all vertical surfaces
- Avoid adhesive contamination in tongue and groove joints
- Roll flooring per adhesive manufacturer requirements

SPLINE INSTALLATION

IMPORTANT: Install inset splines wherever tongue-and-groove flooring meets groove-to-groove. Use manufacturer supplied spline material. Glue splines and they must fit tightly and be fully seated before adjoining boards are installed.

EXPANSION SPACE Maintain expansion space around all vertical obstructions including: walls, Cabinets, pipes, columns, and fireplace hearths. Minimum expansion space 1/2 " at perimeter. Larger areas may require additional expansion. Do not pinch flooring tight to vertical surfaces.

ROLLING FLOOR

Roll flooring according to adhesive manufacturer requirements.
Re-roll as required by adhesive manufacturer.

POST INSTALLATION

Today's hardwood floors are quick and easy to maintain; and with a little preventative maintenance, can look beautiful for years to come. All hardwood floors should be cleaned regularly. Simply sweep, dust mop, or vacuum to remove grit and dirt. When necessary, clean floor with Bona® hardwood floor cleaning product (carefully follow Bona cleaning instructions). Do not use steam mop or wet mop as over time this can damage the finish. Remember: Water and wood do not mix.

DO's

- Sweep, vacuum, or dust mop regularly.
- Use breathable protective coverings if additional construction will continue. Do not use plastic film or non-breathable coverings directly on finished flooring.
- Trim pets claws regularly
- Immediately wipe up liquid spills with cloth or paper towels.
- Maintain with Bona® hardwood floor cleaner for un-waxed/un-oiled finishes.
- Use felt protectors or furniture coasters under heavy furniture.
- Close curtains or blinds to limit direct sun exposure.
- Maintain room temperature (60-80°F).
- Maintain relative humidity in room/building between 40-60% year-round with target of 50%.
- Caster wheeled chairs should have wide casters a protective mat should be placed under office chairs.
- In areas with icy or snowy winters, extra protection against salt and grit may be needed.
- Place mats and throw rugs at doorways, exteriors and interiors to help prevent the tracking of grit, dirt, and sand.
- Remember that cleats, sports shoes and high heels can dent any floor surface.
- Place an area rug in front of the kitchen sink to catch water.

DONT's:

- Use oil base soaps.
- Use paste wax-based products (NEVER wax a urethane finished floor).
- Drag sharp wooden legs or metal furniture legs as it can scratch/ dent hardwood floors.
- Expose to direct sunlight for extended periods of time as it may dry/ fade natural wood. It can also crack the board.

- Use steam cleaners. They are not recommended for use on natural flooring.
- Place porous flowerpots or vases on the floor.
- Use steel wool or scourers.
- Move heavy furniture without protecting wood flooring by slipping a piece of cloth or pile under the legs or bottom of items.
- Wet mop a wood floor. Standing water can dull the finish, damage the wood and leave a discoloring residue.

COLOR CHANGE:

Normal exposure to sunlight, heat, air conditioners, etc. will bring about natural changes in the original color as the floor ages. If possible, use blinds or drapes to protect floor from excessive sunlight. When some areas of the floor are covered, as in large furniture pieces and area rugs, the change under these pieces can be lighter than the surrounding floor, as they are not exposed to the same conditions. This is normal and is not a defect. Rotating the position of area rugs and furniture from time to time will allow the covered areas to slowly adjust in color to the surrounding floor.

SURFACE CHECKS: During the winter months of low humidity, minor surface cracks (checks) may appear in wood flooring, then often close again in the summer months when the humidity is higher. This is a normal characteristic of natural wood and not a basis of a complaint against the manufacturer, especially if there is no structural failure. To minimize checking, follow the guidelines for maintaining the environment in the home.

SEASONAL GAPS: Seasonal gapping can be expected, especially on wider planks. This is normal and not a defect. Throughout its life wood will naturally expand and contract in response to the wet and dry seasons and from the environmental conditions in the home. To keep these dimensional changes to a minimum, maintain the home temperature and relative humidity within the range outlined in earlier section.

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WARRANTY DISCLAIMER

Wood is a natural product and will expand and contract with seasonal environmental changes. Installer and owner are responsible for ensuring all NWFA guidelines, adhesive manufacturer instructions, and local building codes are followed.