Installation Instructions

Legacy Home Flooring requires that all flooring we supply be installed according to these instructions in order to maintain full product warranty coverage. Best practice is to have the flooring installed by professional flooring installers. Keep the original sales receipt as proof of purchase, moisture and relative humidity test records, and installation notes for warranty purposes. The flooring must be maintained according to our current care and maintenance guidelines.

GENERAL INFORMATION

- Acclimation of material prior to installation is suggested (24 hours) but not required. Acclimation environmental conditions to be maintained between 55°F and 85°F.
- Installation area temperature before, during and after installation should be consistent with normal living conditions, approximately 65–75°F.
- The flooring is 100% waterproof but is not a moisture barrier.
- Do not install in unconditioned spaces — areas within the building that are not heated and cooled. Installation in unconditioned spaces are not covered by the warranty.
- Visually inspect flooring before installing. Do not install any plank that is questionable on color, pattern, texture, gloss level or milling. Once installed, a plank is deemed accepted.
- Do not install fixed objects such as cabinets, islands or wall units on top of the flooring.
- The product has an attached IXPE underlayment. Do not install over an additional cushioned underlayment.
- Order additional footage over the measured area to allow for cutting wastage. 10% overage is recommended.
- Jobsite conditions are beyond the control and responsibility of the manufacturer. Installers are responsible for ensuring jobsite conditions meet installation requirements.

TRANSITIONS

- Coordinating trim is produced from the same decorative film as the plank. Slight variations, especially in mid or high variation colors, are common.
- Using the flooring as a guide, select the trim with the most similar grain and color.
- A 1/4" expansion gap must be maintained between the transition and the flooring.

DIRECT SUNLIGHT & SUNROOMS

- Prolonged direct sunlight can cause the flooring to expand from the heat, which may result in buckling, gapping or lifting. Mitigate direct sunlight with blinds or window treatments.
- Rooms with large amounts of direct sunlight exposure including sunrooms, solariums, and rooms with large windows, glass doors or skylights — require UV protective film, blinds, curtains or shades to protect the flooring from direct sunlight and increased heat exposure.
- Keep window treatments closed during peak sunlight hours.
- Damage caused by direct sunlight where the required window protection has not been used is not covered by the Legacy Home Flooring Limited Warranty.

GENERAL SUBFLOOR PREPARATION

- The subfloor must be clean, structurally sound, and visibly dry.
- The subfloor must be flat to within 3/16" in a 10' radius. Grind/sand high areas and fill low areas with appropriate portland-based cement patching compound.
- Acceptable substrates: concrete slab, OSB or plywood subfloor ,non-cushion-backed sheet vinyl or linoleum, ceramic/porcelain tile with grout lines filled for flatness. No other substrate is approved.
- The subfloor must be free of dust, debris, paint, varnish, wax, grease, oil, curing agents, sealers and solvents.
- Final responsibility for determining whether a subfloor is acceptable lies with the installer.

WOOD SUBFLOORS

- Plywood and OSB must be structurally sound and installed per manufacturer's instructions with a smooth finish free from deflection.
- All joints should be filled in and level. Use an appropriate patching compound as necessary.
- Crawlspaces below the flooring must be properly ventilated.
- Wood subfloors must be tested for moisture using a calibrated pin-style or pinless moisture meter, used according to the meter manufacturer's instructions. Take readings across the whole area to be installed and keep written records of the results for warranty purposes. 10 readings per 1000 sqft.
- Claims determined to be caused by moisture related site conditions may be denied.
- Claims submitted without documented moisture readings will not be honored.

CONCRETE SUBFLOORS

- Concrete must be fully cured, at least 60 days old.
- Slab must be flat within 3/16" over a 10' span.
- Fill holes and cracks with appropriate patching compound based on compound manufacture usage.
- Slabs must be tested for moisture using one of three methods: a calcium chloride test per ASTM F1869, non-destructive testing according to ASTM F2659, or an in-situ relative humidity test per ASTM F2170.
- Maximum permitted levels are 8 lbs. per ASTM F1869, 4% MC per ASTM F2659, or 85% relative humidity per ASTM F2170. If moisture content exceeds maximum acceptable levels, mitigation must take place prior to installation. Examples of mitigation are a 6mil poly vapor barrier installation or applying a roll-on moisture barrier applied by manufacturer instructions.
- All moisture testing must be performed strictly in accordance with the procedures in the relevant ASTM standard, including the conditioning of the space, the number and location of tests, and test duration. Keep written records of all results for warranty purposes.
- Claims determined to be caused by moisture related site conditions may be denied.
- Claims submitted without documented moisture readings will not be honored.

EXISTING FLOOR COVERINGS

- Existing sheet vinyl or linoleum must be non-cushion-backed, firmly adhered to the subfloor across its whole area, and in good condition with no rips or tears. Cushion-backed sheet vinyl must be removed before installing flooring.
- The existing floor must be clean and free of contaminants.
- Ceramic/porcelain, terrazzo, or stone tile must be intact with no cracks in tiles or grout lines. Grout lines must be skim coated with a patching compound to achieve flatness prior to installation.
- Hardwood flooring is not an acceptable subfloor surface as trapped moisture from poorly ventilated crawl spaces can cause cupping to the hardwood and damage the vinyl flooring.

RADIANT HEATED FLOORS

- The heating system must be turned 24 hours prior to installation, off during installation, and for 24 hours after.
- After installation, bring the system up to temperature gradually. It must never exceed 85°F.
- Surface applied heating mats are not an acceptable type of radiant heat.

RECOMMENDED TOOLS & MATERIALS

Tape measure, framing square, utility knife, 1/4" spacers, chalk line, rubber mallet, tapping block (10"–12"), pull bar, jambsaw, miter saw or table saw, patching compound if required, and 100% silicone caulk for wet areas.

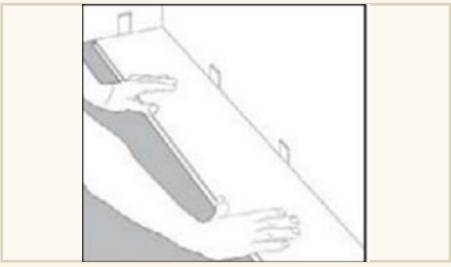
INSTALLATION — GENERAL

- Plan the layout to allow a 1/4" expansion space from all walls and surfaces.
- Pull planks from multiple cartons to avoid repeating patterns. Claims for color, surface, and grain variation cannot be accepted once the floor is installed.
- Remove existing floor moldings where applicable and undercut door jambs to allow the plank to slide freely.
- Take precautions with tapping blocks and pull bars so the locking system is not damaged. Never directly tap the locking mechanism with a hammer or mallet.
- The flooring must never be nailed, glued, or fastened to the subfloor.

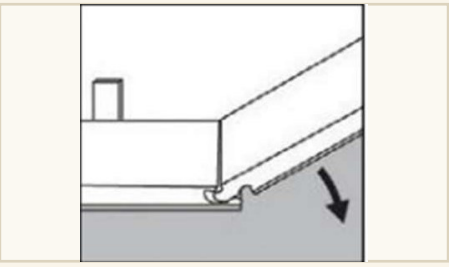
INSTALLATION — PROCEDURE

General Guidelines: Avoid “H-pattern”, “Stair-step patterns”, and other repeating patterns. Random plank configurations produce the best look. Use planks from multiple boxes to help ensure a random pattern. Under door jambs, undercut the jamb using a jamb saw or a multi-tool to allow the plank to slide freely underneath.

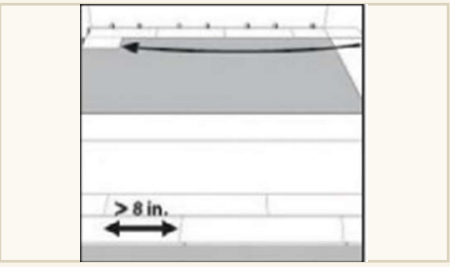
1. Begin at the left side of a room and work right when possible. Insert 1/4" spacers where planks meet the wall to allow for expansion gap. Exterior walls are often more square compared to interior walls, so starting along exterior walls is preferable.
2. On the first row, begin with a full size plank. Insert the next tongue on the short edge of the plank into the groove at an approximately 30 degree angle and lower it into place. Repeat this process to complete the first row. To help keep row from moving, a box of flooring can be placed on the first row.
3. To start the second row, use a random length starter plank that is at least 12” long and ensure short end joints are at least 8” from joints in the previous row. Insert the tongue of the long edge into the groove at an approximately 15 degree angle. Ensure the tongue is fully seated in the groove and lower the plank into place. There should be no visible gaps showing between the planks. Now that the first plank of the second row in installed, insert the tongue of the short edge of the plank into the groove of the adjoining plank and lower into place. Next, raise both planks to approximately a 15 degree angle and insert the long edge tongue into the long edge groove. Lower the planks and ensure there are no gaps.
4. Use a rubber mallet and tapping block to lightly tap the edges for a tight fit. Any gapping will compromise the locking system.
5. Repeat this process using planks from multiple boxes to ensure a random pattern.
6. Use the mallet and pull bar to lock the long edges of the planks on the final row. Gently tap to avoid locking mechanism damage.



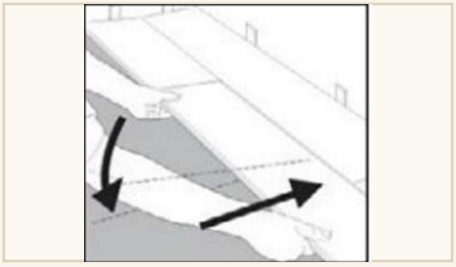
1. Spacers at wall



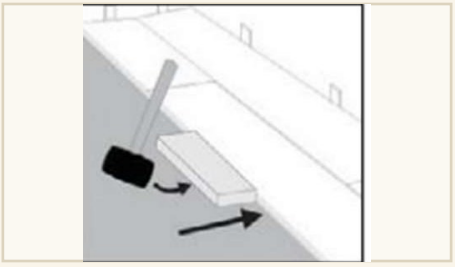
2. Short end, 30°



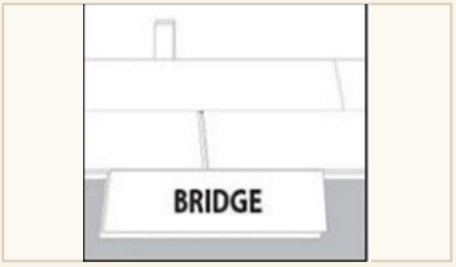
3. Stagger 8" minimum



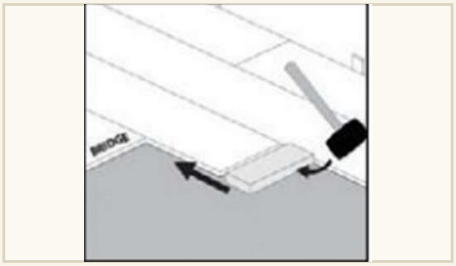
4. Long edge, 15°



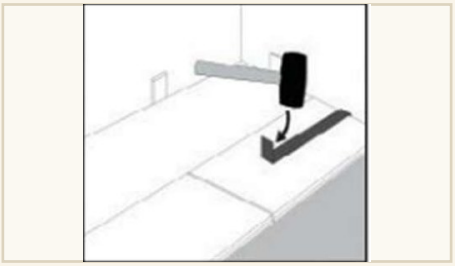
5. Mallet & tapping block



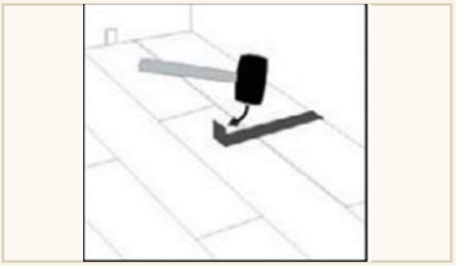
6. Bridge the gap



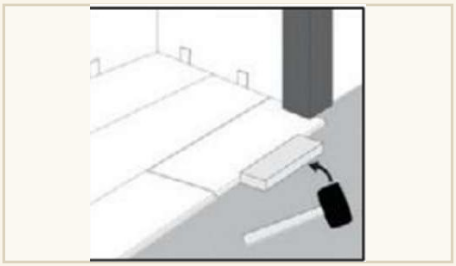
7. Lock the ends



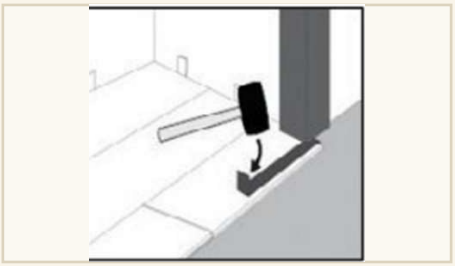
8. Pull bar, end of row



9. Pull bar, final row



10. Undercut the jamb



10. Pull bar at the jamb

FINISHING THE INSTALLATION

- Remove all spacers from the perimeter of the room.
- Install new coordinating baseboards and quarter round/shoemolding if desired. Baseboards fasten to the wall and quarter round to the baseboard. Do not fasten either through the flooring.
- In a bathroom, laundry, or other area with frequent water use, fill the expansion space around the wet area with a premium 100% waterproof silicone caulk.
- When moving heavy items, carry them or use furniture moving pads designed to prevent scratches. Never push or drag furniture or appliances directly across the floor.

REFER ALSO TO

Legacy Home Flooring Care & Maintenance for cleaning and maintenance instructions. Refer to the warranty guide for product warranty, coverage terms, and claims procedure.

Legacy Home Flooring is a registered DBA of 5T Solutions LLC. (615) 278-5858 · sales@legacyhomeflooring.com · legacyhomeflooring.com