

The Meridian Collection

LUXURY VINYL HERRINGBONE PLANK



Installation Instructions

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE YOU BEGIN INSTALLATION. IMPROPER INSTALLATION WILL VOID THE WARRANTY.

All instructions and recommendations are based on the most recent information available. If you receive a printed copy of these instructions, please refer to <http://www.purparket.com> to ensure you have the most up to date version of our installation instructions, under “documents”.

By starting installation of this product, you are agreeing that you have read and understand all installer/owner's requirements and responsibilities and are aware that deviating from the instructions and recommendations in this installation guide may result in voiding the product warranty. If you need additional assistance, please contact PurParket Technical Services at 416-247-9190.

GENERAL INFORMATION

This flooring should only be installed in indoor areas with a covered roof and ambient temperature of 18°C (64.4°F) and a maximum of 29°C (84.2°F). Temperatures above or below the aforementioned levels may cause expansion or contraction of all building materials to include this flooring. The maximum relative humidity should not exceed 65% during installation if glueing down the product in areas with heavy rolling loads. Before installation, carefully check that the product has not been damaged during transportation. We also recommend checking the colour, design, quantity, dimensions and appearance against the ordered product and for any visible defects prior to installation. Damaged material cannot be replaced once installed. Some differences in colour and structure are due to the nature of the material and as such cannot be the subject of any claim.

The flooring should only be installed after all the other trades have finished and the jobsite has been cleared of any/all debris that could damage a finished installation. Proper lighting is essential.

Do not install fixed objects, such as cabinets, islands, wall units etc. on top of the flooring or fasten trim/ molding/transition pieces directly to the floor.

PREPARATION

1. Store and transport your flooring in a way that prevents any deformation, always keep it on a flat surface. This flooring can only be stored and installed in indoor areas. Never store the boxes vertically or in a damp environment, in rooms with dust, places with extreme temperatures or exposed to drafts. Store the material in a horizontal position, without resting it against walls, laying it flat on strips or on the pallet, and 0.5m (1'-6") away from any walls. It is ideal to let your flooring acclimate to the room in which it is going to be installed, for at least 48 hours prior to installation, at a temperature between 18°C (64.4°F) and 29°C (84.2°F). Relative humidity should not exceed 65% during installation to guarantee the best results of the adhesive if glueing down. Normal floating installs should be done in between 12.8°C (55°F) and 29.4°C (85°F). It is necessary to maintain the same temperature before, during and for at least 72 hours after completing the installation for best results.

Three Season Rooms & Cottages: PurParket Latitude & Element Flooring can be installed in 3 season environments. It is important to understand; all Luxury Vinyl Flooring approved for areas such as Solariums, Sun Rooms, three season rooms and seasonal cottages can withstand temperature variations ranging from a low of -29°C (-20°F) to a high temperature of 65°C (150°F) when not occupied. While occupied, the temperature range requires being maintained between 13°C (55°F) to 38°C (100°F)

Note: Special considerations need to be given to proper acclimation and temperature ranges prior to installing in 3 season environments. Verify the temperature fluctuations prior to installation to determine if the area is suitable for LVP flooring.

Always start installing on a clean surface to prevent the planks from being damaged by tools, etc. before, during and after the installation. It is recommended to mix panels from a minimum of 3 different boxes during installation to assure an even distribution of any minor colour variations, slight variances in texture and gloss levels.

Hint: Try dry racking (laying out) your panels prior to final assembly to confirm this is an acceptable layout.

2. The type, quality and preparation of the subfloor largely determine the end result of the installation. Appropriate steps should be taken if the floor is not suitable for installing the vinyl flooring, as any unevenness in the subfloor may cause movement of planks. This may cause the locking system to disengage, creaking and/or popping sounds may occur throughout the floor. All subfloors must be flat. High or low areas exceeding 3/16" per 10' (4.8mm in 3 meter) or 1/8" per 6' (3.2mm in 1.8 meter) must be corrected. It is advisable to only install the floor covering when the space is free from any risk of water damage (i.e. after the exterior walls, doors, windows and roof have been installed).

3. Make sure that the subfloor is completely even. You must correct any unevenness exceeding 1mm that is greater than 20cm long, and any unevenness exceeding 3mm that is greater than 2m long.

4. This flooring should not be screwed in or fixed to the subfloor in any way. Avoid placing heavy furniture that would impede the normal movement of the flooring.

5. A transition profile can be used to place a joint in the flooring.

6. The subfloor humidity should be no greater than 2.5% CM (cement) or 0.5% (anhydrite) if glueing the planks for heavy rolling traffic.

7. Make sure that the subfloor is completely dry, smooth, stable, clean and free of grease and chemical stains. All touch-up work on the subfloor should be performed using a mixture of non-shrink and waterproof cement. Always install all of the boards parallel to the room's main light source. It should only be installed lengthwise in long and narrow rooms.

TOOLS REQUIRED:

- Measuring Tape
- Chalk Line
- Spacers
- Pencil
- Saw & Rubber Mallet
- Pull Bar or Chisel
- Spirit Level
- Block of Nylon
- Sliding Bevel or Cutting Disk

SUBFLOOR INFORMATION

Wood Subfloors: Must be a minimum of 3/4" CDX Plywood, OSB, or APA approved plywood. All wood subfloors should be flat, structurally sound, and free from deflection (up and down movement). Sand high areas and fill low areas with a Portland based patching compound. To reduce squeaking of the subfloor, nail or screw the floor every 6". Repair or replace any damaged sheathing. Wood subfloors should never exceed 12% moisture using a pin type moisture meter.

PurParket requires all crawl spaces be a minimum of at least 18" tall (46cm) from the ground to the underside of the joist. A black ground cover minimum 8mm thick Polyethylene overlapped a minimum of 6" (152mm) and taped using a moisture resistant tape to avoid moisture migration from the ground up through the flooring. Cross ventilation (vents located around the perimeter) equal to 1.5% of the square footage of the area should be highly considered (if not already a local code).

Concrete: Must be fully cured (at least 60 days old). The flatness of concrete subfloors must meet or exceed the requirements of ACI FF25. Most concrete subfloors are not flat/smooth and must be properly prepared before installation. In all cases, verify the substrate is flat (See above subfloor and substrate requirements). Fill all holes and cracks with a latex fortified Portland cement-based patching compound. PurParket only recommends the use of latex fortified Portland cement-based products as a satisfactory patching or levelling compound such as WAKOL Z505 patching compound. Grind down high areas and fill any low areas with a Portland-based patching compound. (Do not use solvents or chemical adhesive removers to remove paint residue or adhesives).

While the product is a waterproof flooring, it is required that concrete slabs be tested for moisture vapour emissions with either a Calcium Chloride or an In Situ Relative Humidity test. Corrective measures must be taken if the level of moisture emission exceeds 8 lbs. Calcium Chloride or 85% Relative Humidity. The use of a vapour barrier under the Luxury Vinyl Flooring is optional and should not exceed 8 mills. Moisture in the substrate will not damage the panels. However, excessive moisture in the substrates may migrate to the walls and structure and cause bacterial growth issues if left unattended.

With respect to environments with rolling traffic, glue down applications will help reduce the effects of rolling traffic. It is necessary to remove the backer on your Meridian Herringbone product for glue down installations.

Radiant Heated Systems: The Hydronic or Embedded radiant heating system needs to be operational and working for one week prior to install date to reduce any residual moisture. Should the radiant heating system be in use at the time of installation, it is necessary to lower the temperature to 18.3°C (65°F) for a minimum of three days prior to the installation date, during the entire installation, and for 24 hours following upon completion of the installation. The temperature can then be gradually increased in 5° increments. Temperature must never exceed 29°C (85°F). It is the responsibility of the purchaser to confirm the suitability of the radiant heating system for use with this product. Any damage to the floor caused by the radiant heating system will not be covered by the product warranty.

Aftermarket Radiant Heating Systems: Should the radiant heating system be an aftermarket system, PurParket requires confirming with the manufacturer of that system, that Luxury Vinyl WPC & SPC (considered resilient) can be installed over their system. Any problems associated with aftermarket radiant heating systems are not the responsibility of PurParket Inc.

Existing Ceramic Tile, Quarry Tile, and Terrazzo Flooring: All existing tile must be well-bonded to the subfloor or substrate. Terrazzo flooring should be sound and stable. Any weak area should be filled in using a Portland based patching compound. The floor must be cleaned and contaminate free. PurParket recommends that you skim coat any existing grout lines exceeding the specifications with a latex fortified Portland cement-based patching compound. Grind any irregular surfaces.

Existing Resilient Floor Covering: The existing resilient must be single layered, non-cushioned backed, well bonded, fully adhered, and smooth. The flooring should show no signs of moisture or alkalinity. All topical waxes, polishes, airborne contaminates, etc. must be removed. Any irregularities must be repaired or replaced. Skim coating the surface is recommended to prevent telegraphing. Do not install over rubber-based substrates.

Old Adhesive Residue: PurParket does not recommend skim coating over existing adhesive. Because we cannot control how the adhesive was applied, the existing adhesive may break down possibly leading to a failure. Remove existing adhesives using a scraper such as a razor scraper designed for scraping flooring surfaces. The adhesive must be removed to the level of a film. Do not use solvents or chemical adhesive removers to remove old residue. These products can leave a residue in the concrete that may affect the performance of your new flooring.

WARNING: For installation over old resilient floor coverings or when considering removing existing resilient floors, please be advised that these products may possibly contain asbestos fibres or crystalline silica. Please follow all recommended Resilient Floor Covering Institute (RFCI) work practices at www.rfci.com.

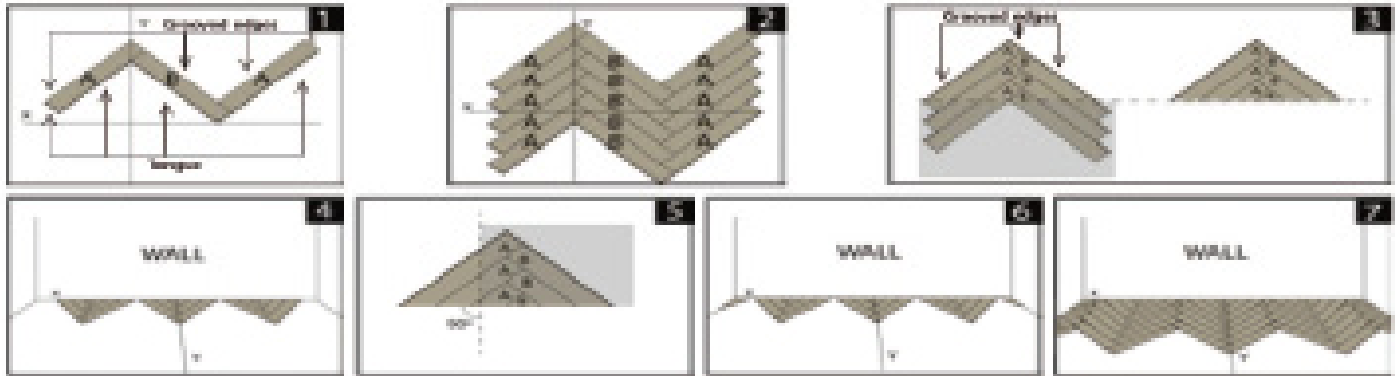
Your luxury vinyl flooring comes with an attached backing. Do not install additional backings or foam/cushioned underlays.

ACCLIMATION

(Uncontrolled storage) Acclimate all materials in the area to be installed between the temperatures of 12.78°C to 38°C (55°F to 100°F) a minimum of 48 hours before, during, and after the installation. Protect flooring from excessive heat/cold during storage. If the product is stored in an environment different from the installation site and the temperature ranges are controlled within the 12.78°C to 38°C (55°F to 100°F) The offsite acclimation can be considered acceptable. Please note the material will need to be delivered directly to the installation site with no stops in between.

INSTALLATION

A floating installation is normally used for this type of flooring. The bottoms of the door frames have to be trimmed. It is important to plan the installation before starting it. Proper planning will prevent very narrow pieces against walls and/or short pieces at the end of the rows.



Every box of flooring contains the same number of left and right handed machined pieces.

1. Before starting the installation, we recommend stacking the material in two columns- the "A" pieces and the "B" pieces.
2. The herringbone installation system should typically be started from a central axis using a chalk line or marking straight lines from the centre of the room.

Mark the "X" axis and then mark a second line that is perpendicular to the first one, creating a 90° intersection to create the "Y" axis. **This process is essential and a good way of checking that all of the angles and measurements are correct at this point, before you start installing the first boards.**

1. Start installing the first three boards, so that the corner of each piece coincide with the "Y" axis, as shown in the diagram (image #1). Continue by installing the grooved edge towards you.
2. Use the "Y" line as a guide when installing.
3. When the installation is stable enough, cut out the triangle as shown in image #3 above.
4. Place the first triangle in line with the "Y" axis that marks the centre of the room. Repeat the same process with the other triangles until you reach the side walls. Remember to take into account the 3/8" (10mm) perimeter joint between the pieces and the wall.
5. The section on the sides where a full triangle cannot be placed should be cut down to the necessary size.
6. When the initial wall is covered, continue with the installation by following the lines that were marked earlier on the floor.
7. Continue installing from left to right, across the room, until you have finished.

This product uses a LOCK installation system, following the "angle snap" method.

Use the pull bar or chisel to install the pieces at each end of the installation. When installing each piece, avoid hitting the machined profile so that you don't damage it.

You should leave a 3/8" (10mm) expansion joint against the wall, stationary and/or immobile objects, heavy furniture, and stoves.

In entrance and passageway areas we recommend cutting the trims. To ensure a clean cut, place a board face down on the floor against the door frame.

When installing baseboards that are used to cover the expansion joint around the edge, follow the basic rule of never joining them to the flooring. Baseboards should only be fixed to the wall. With regard to the expansion joints, we recommend installing transition profiles used to improve its appearance.

to hide these joints. Ensure that the profiles do not fix the flooring to the subfloor; no adhesive or mechanical force should be used to join them together.

In areas such as kitchens and bathrooms, install them in the same way as above, while bearing the following in mind:

- To prevent the ingress of water or other liquids below the flooring, apply flexible silicone sealant between the gap in the flooring and the wall.
- We recommend installing an expansion joint on bathroom and kitchen doors.
- Do not place kitchen or bathroom furniture or any other overly heavy items on the flooring. If it is necessary, place an expansion joint around the furniture, a profile can be used to improve its appearance.

In areas larger than 870 sq.ft. (81 m²) and for distances greater than 29' (9 metres) long and/or 29' (9 metres) wide, you must use 3/8" (10mm) expansion joints. When you have finished installing the flooring, install the baseboards and profiles to cover the expansion joints. Make sure that none of the boards are attached to the floor.

Protect the floor from direct sunlight to prevent any buckling or warping of the boards.

AFTER INSTALLATION

1. Examine the final surface of the floor. Install the baseboards against the wall. In rooms with high risk of leaks and/or spills, a transparent waterproof silicone should be used around the perimeter.
2. If a plank is interrupted by a pipe or other building material, create a hole with a diameter 10mm greater than the diameter of the pipe or conduit.
3. Never steam clean or use a steam mop on the floor. The prolonged heating of an area may cause expansion issues over time.
4. PurParket recommends using a pH neutral vinyl floor cleaner as required. PurParket does not warrant any of the cleaning agents or conditions associated with them as the application of them is beyond our control.
5. Always rinse the floor thoroughly with clean water and allow to dry as the floor may be slippery when wet. Air movers or fans will speed up drying time.
6. Never saturate your flooring.
7. Do not buff, wax or use cleaning products that contain surfactants. Dish lotions, laundry detergents, Murphy Oil Soap cleaners should not be used to maintain your flooring.
8. Furniture & appliances: When moving heavy furniture or appliances place a hard surface between the item and the floor and roll or slide the item on it. DO NOT roll or slide them across the floor without this protection. When possible lift the object being careful to avoid injury. Sliding/ dragging the furniture may cause damage to your flooring.
9. Felt pads on chair legs should be installed and replaced periodically, as they wear and accumulate abrasive materials with use and can damage the floor.
10. Hard surface mats are required under office chairs. Rolling traffic may damage your flooring and is not warranted.
11. We recommend the use of non-staining walk off mats at all entryways. Note: Always use non-staining area rugs and mats as they can reduce the risk of permanently staining your flooring caused by latex and rubber backed rugs. Woven rugs may have dye's that can permanently stain your flooring. Using a nonstaining padding / mat under it will help reduce that risk.
12. High heels and spiked shoes, may mark, abrade, or otherwise damage the surface and finish of your floor. This is not a warranted condition.
13. Avoid prolonged exposure to direct sunlight as this may result in discolouration and

expansion. The use of drapes, blinds or protective window film is recommended to protect your new floors from direct sunlight.

REPAIRS

The Meridian Collection flooring is very tough and durable, however, nothing is indestructible. If a plank becomes damaged, it can be replaced using the following procedure:

- Using a straight edge and utility knife, cut out and remove the centre of the damaged plank, leaving approximately 2.5 cm strip attached to the surrounding plank on all sides.
- Carefully cut back from the corners of the plank to the inside edge.
- Remove the plank edges by wiggling the cut plank out from the tongue.
- Prepare the replacement plank into position.
- Use a hand roller to assist in aligning the plank edges into position.

*The installation, maintenance and warranty are reviewed on an ongoing basis.
For information regarding our products, and warranties please visit our web-site:
www.purparket.com*