



EVA FLOORS®

BRING BEST QUALITY

Laminate Loto Tec. Plus

- 80 Hour Water Resistant

Installation instruction

Please read all the instructions before you begin the installation, and improper installation will void warranty.

Important notice

All wood based products, even those specially designed to have increased resistance to moisture, are hygroscopic (they will react to the moisture in the environment) and as result will expand or contract accordingly. All source of under floor moisture must be rectified prior to the installation of the floor. Any construction dampness must be completely dry. It is important that you check each plank for any manufacturing defects. Any faults must be reported back to the store of the purchase for an immediate refund or replacement prior to the flooring being installed.

In-Floor Radiant Heat: Flooring can be installed over ½" (12mm) embedded radiant heat. Radiant heat systems must have a minimum of ½" (12mm) separation from the product.

Maximum operation temperature should never exceed 85°F (30°C). Use of an in-floor temperature sensor is recommender to avoid overheating.

Before installing over newly constructed radiant heat systems, operate the system at maximum capacity to force any residual moisture from the cementitious topping of the radiant heat system. The maximum moisture content should be 2.5% (CM method). Before starting the installation, turn the heat off 24 hours before, during and 24 hours after installation.

Make sure that the temperature in the room is at between 65°F (18°C) and 78°F (24°C) during installation,

Once the installation has been completed, the heating system should be turned on and increased gradually (5 Degree increments) until returning to normal operating conditions.

Refer to the radiant heat system's manufacturer recommendations for additional guidance.

Warning

Electric heating mats that are not embedded into the subfloor are not recommended for use underneath the flooring. Using electric heating mats that are embedded and applied directly underneath the flooring will void the warranty.

- Calculate the room surface prior to installation and plan an extra 10% of flooring for waste.
- Keep the boards flat in the room where they will be installed in the unopened package before you start installation to acclimate. The room temperature must be between 65-78°F (18-15°C) before and during the installation. If the relative humidity in the room is between 35% and 70% the product should be acclimated for 24 hours or more. If the relative humidity is below 35% or above 70% the product should be acclimated for 48 hours or more.
- Inspect your subfloor before you begin. It must be clean, dry (max 2.5% moisture content-CM method) and level to 5mm (3/16") within a 3 meters (10foot) span.
- If this flooring is intended to be installed over the existing wood floor, it is recommended to repair any loose boards or squeaks before you begin installation.
- With a floating floor you must always ensure you leave 1cm (1/2") gap between walls and fixture such as pipes and pillars, stairs, etc. Tip: When stalling around pipes, drill the holes 20mm (3/4") larger than the diameter of the pipes.
- A vapor barrier to be installed over concrete substrates. In the case of the installation is done over a wood substrate on or below grade, a vapor barrier must be installed if there is not a vapor barrier existing in a well-ventilated crawl space. A minimum 0.1mm (6mil) plastic poly sheeting should be used as a moisture barrier. Underlayment thicker than 3mm (1/8") are not advised.
- Decide the installation direction. It is recommended to install the length direction of the planks parallel to the main light direction.
- Measure the area to be installed: The board width of the last row shall not be less than 50mm (2"). If so, adjust the width of the first row to be installed. When measuring, take the free gap requirement of about 10mm (1/2") of the floor perimeter into account. In narrow hallways, install the floor parallel to the lengthways.
- Inspect your laminate flooring. No claims on manufacturing defects will be accepted after installation.
- The flooring must be used only indoors in a dry, climate-controlled area and cannot be used in bathroom and shower room.
- Installation area in length and width direction should be 40ft or less. Larger than this size, use molding for transition.

25 years residential Limited Warranty exclusion and conditions:

- Failure to fully engage the locking system around all sides of each plank during the installation could result in gaps that will void this limited warranty.
- The flooring must be maintained in accordance with care and maintenance instructions. Also, the limited warranty does not cover conditions caused by below damages:
 1. Damage resulting from excessively wet maintenance or from using detergents, abrasive cleaners, soaps, and waxes or polished is not covered by this limited warranty.
 2. Damage must not have occurred as a result of improper or inadequate maintenance of accidents, such as damage caused by scratching, impact or cutting.
 3. Damage resulting from the use of rotating beater bars, floor scrubbers, steamers, jet mopes, buffers or similar products is not covered by this limited warranty.

4. Damage caused by events beyond everyday household spills, including but not limited to flooding, standing water, leaking pipes, mechanical failures or appliance leaks.
 5. Moisture damage caused by water or moisture in the subfloor or underneath the flooring, including but not limited to damage from subfloor hydrostatic pressure (water or moisture under the floor that is transmitted to the surface through exerted pressure) or other conditions that result in water or moisture being below the floor.
 6. Damage due to fluids of any source or type that are not removed within a reasonable period of time:
If it is less than 200ml, and it is not removed less than 80hours; If it is more than 200ml, and it is not removed less than 24 hours;
 7. Construction-related damage is not covered by this limited warranty.
- The limited Warranty does not cover conditions or defects caused by improper installation and use of improper adhesives and maintenance, such as: scuffs, scratches, cuts chipping, indenting or similar damage caused by gliders, castor wheels, vacuum cleaner beater bars, toys, or other objects.
Damage caused by chemicals, burns, fires and other accidents.
Damage caused by abuse (i.e. dragging heavy or sharp objects across the floor without proper protection) 。
 - These limited warranties do not apply to moldings area, and cut plank part.

Tools and Supplies Required

- Foam Underlay. Spacers. Saw Adhesive. Tape Minimum 6 mil poly vapor barrier for crawl space and concrete floor installations. Rubber mallet. Ruler. Pencil. Tape Measure. Utility Knife. Constructions Adhesive.
 1. Inspect each plank. Floor should be installed blending planks from several cartons at the same time to ensure good color and shade mixture throughout the installation.
 2. For the first row along straight walls, remove the tongue on all long side joints and on the short side of the 1st plank only.
 3. For uneven walls, trace contour on tongue- side of plank and cut.
 4. Assemble the first row tongue side toward wall. Insert the end tongue into the end groove and rotate downward to assemble. Keep the planks aligned and the joint closed.
 5. Two spacer thick side to the thick side=1cm(1/2")
 6. Provide a 1cm (1/2") space for expansion on all sides. First piece must be at least 12"long. Start new rows with pieces trimmed from previous row. Ensure at least a 12" end joint offset.
 7. At a slight angle, insert tongue of plank 2 into the groove of plank 1 until the laminate edges meet, and then rotate down until the joints lock.
 8. Join the short end of the plank first. There will be a gap on the long side joints when the plank is rotated down.
 9. Raise the outside edge of the plank upward approximately 1". Maintain this angle as you push the plank in until the laminate edges meet.
Rotate downward on the plank until the joint locks. Repeat these steps to complete the installation.

Installation Tip: Place a carton of planks across the end of the row being installed to keep installed planks in place during installation.

10. Alternate Tap Method: Align the tongues into the grooves of the long and short sides of the planks. Install the long side first by placing a tapping block no closer than 8" from both end and tap lightly along the long side until the joint is closed tightly. Then tap the end using the tapping block into a locked position. Note: Uneven tapping or use of excessive force may damage the joint.

11. Ensure there will be a ½" gap (after the joint is closed) to the wall for expansion.

12. For the last row, align the plank to be used on top of the 2nd to last row. Using a full width plank as a spacer, trace wall contour and cut plank.

13. For the last row, install the long side tongue into the groove with the end joint aligned. Using a pull bar and hammer, work evenly along the length of the plank and lightly tap the joint closed.

14. After tapping the long side joint closed, tap the short side closed, using a tapping block or a pull bar.

Installation under Doorway Frames

15. Slide plank under pre-cut door frame.

16. Tap the long side joint closed first. Then tap the end joint closed.

Installation Around Fixed Objects (such as Pipes)

17. Allow ½" expansion space around pipes or other fixed objects.

Finishing the installation

18. Remove all spacers

19. Create a watertight seal by applying flexible 100% silicone sealant to the entire perimeter of the installation. DO NOT use acrylic sealant.

Maintenance

- Clean the floor regularly with a vacuum cleaner or dry mop. If necessary, the floor may be cleaned with a wet mop and a laminate cleaner. Avoid using too much water. To protect the floor from sand we recommend you to use the doormats at entries (but do not use mats with a rubber backing).
- Place felt floor protectors under the legs of moveable furniture. Chair casters should be rubber-not plastic or metal.
- DO NOT pour liquid, directly on floor or use an excessively wet mop that will puddle or leave moisture standing on the floor.
- DO NOT use detergents, abrasive cleaners, soaps, waxes or polishes.
- NO NOT use rotating beater bars, floor scrubbers, steamers, jet mops, buffers or similar products.
- Wipe up spills immediately.