



INSTALLATION GUIDE FOR DRYBACK LUXURY VINYL FLOORING

- **Altima**
- **Maxima**
- **Maxima Plus**

BEFORE YOU BEGIN

- Make sure you have the latest installation guideline to ensure that you receive the most up to date information by referring to the revision date. Up to date installation documents can be found at www.kennedyfloorings.com.
- Adherence to installation guideline is mandatory to validate warranty.
- Flooring products must be acclimatized for at least 48 hours prior to installation in the installation area that meets the SUITABLE ENVIRONMENT guideline.
- Flooring products must be installed on a surface that meets the SUITABLE SURFACES guideline.

SUITABLE ENVIRONMENT

- Installation area must be climate controlled with an operating air conditioner and heat source that is operational for a minimum of 7 days prior to installation. Climate controlled conditioning is expected to remain operational during and after installation.
- Installation area is expected to remain stable between 16°C and 25°C with a maximum relative humidity of 65%.

SUITABLE SURFACES

Adequate sub-floor preparation is necessary to ensure a successful installation.

- Sub-floor must be lightly textured, porous, and well-bonded. The sub-floor must be dry, smooth, level, clean, and dust-free, with a tolerance not exceeding more than 1/8" in a 6' span.
- All sub-floor and underlayment patching must be done with a non-shrinking, water-resistant Portland cement patching compound.
- Holes, grooves, expansion joints, and other depressions must be filled with a Portland cement-based underlayment and troweled smooth and feathered even to the surrounding surface.
- If installing on a concrete slab, it must be dry, clean, and well-cured (cured for at least 6 weeks prior to installation). Concrete must be free from dust, powder, flaking, solvent, paint, wax, grease, oil, and other erroneous compounds that will effect the adhering qualities of the adhesive. Concrete moisture content must be less than 75% relative humidity. New concrete slabs must be dry and cured for at least 6 weeks prior to installation.
- Installing on wood and wood composite panels (plywood, OSB, flake board, and particle board) can be used provided they are smooth, flat, structurally sound, and free of deflection.
- It is acceptable to install over an existing ceramic tile provided it be made smooth by applying a cement overlay such as patching or leveling compound to smooth out grout joints to prevent telegraphing.

UNSUITABLE SURFACES

- Flooring product cannot be installed over rough and uneven sub-floors. Heavily textured and/ or uneven surfaces may telegraph through the vinyl and distort the finished surface.
- Flooring product cannot be installed over cushioned vinyl floor, vinyl floor consisting of multiple layers, or a sub-floor with multiple layers of existing flooring.
- Sub-floors soiled with dirt, dust, powder, solvent, paint, wax, grease, and oil are not suitable for installation.

WARNING: DO NOT REMOVE OLD RESILIENT FLOORING. THESE PRODUCTS MAY CONTAIN EITHER ASBESTOS FIBERS OR CRYSTALLINE SILICA, WHICH CAN BE HARMFUL TO YOUR HEALTH.

NEVER SCRAPE ADHESIVE RESIDUE THAT MAY CONTAIN ASBESTOS. NEVER USE LIQUID CHEMICALS TO REMOVE OLD ADHESIVE. SOLVENTS OR OTHER ABRASIVE CHEMICALS USED TO CLEAN THE SUB-FLOOR CAN DAMAGE THE BACKING OF THE LUXURY VINYL PLANKS OR TILES IF NOT PROPERLY REMOVED.

RADIANT HEATED FLOORS

Dryback Luxury Vinyl can be installed with concrete embedded radiant heated floors.

- Flooring must be installed using an embedded hydronic radiant heat system or electric radiant heat system that utilize embedded cables within the sub-floor.
- Radiant heat systems must be covered by a self leveling concrete and separated by the flooring at a minimum of ½".
- Radiant heat must not exceed 29°C.
- Flooring with radiant heat must be wet set using Shamrock Surfaces HS-V adhesive.

TOOLS & SUPPLIES

You will need a few tools and the appropriate adhesive to ensure the success of your installation including: utility knife, carpenter square, straight edge, tape measure, adhesive, and 1/16" x 1/32" x 1/32" U-notch trowel.

ADHESIVE

Shamrock Surfaces adhesive must be used in order to validate the warranty. Kennedy Floorings supplies a premium adhesive by Shamrock Surfaces that is void of fillers and features a superior rate of spread to ensure a successful installation of your flooring.

- When referring to "flash over" of adhesive, this essentially means allowing the adhesive to become tacky to the touch, without any adhesive transferring onto your finger.

HS-V

Shamrock Surfaces HS-V (5900) is a high sheer vinyl flooring adhesive designed to be used with Dryback Luxury Vinyl Flooring products. Shamrock Surfaces HS-V must be used in order to validate warranty.

- Wet setting is recommended for high traffic and volatile areas.
- Wet setting is mandatory for commercial applications.
- Wet setting can only be used over porous sub-floors.
- Application of HS-V is simple, just follow the instructions found on the pail.

RESIDENTIAL INSTALLATION

Dryback Luxury Vinyl is designed to be installed using a full spread adhesion with Shamrock Surfaces HS-V adhesive.

- HS-V can be wet set or flashed over. It is highly recommended that HS-V be wet set in volatile areas such as entrances and high traffic areas as this will adhere the flooring to the sub-floor in a more aggressive manner, essentially making the

installation more dimensionally stable where needed.

- If the installation area has radiant heat, it is mandatory to wet set the flooring using HS-V adhesive.

COMMERCIAL INSTALLATION

- Commercial installations of our Dryback Luxury Vinyl flooring products require a wet set full adhesion installation using our HS-V adhesive.

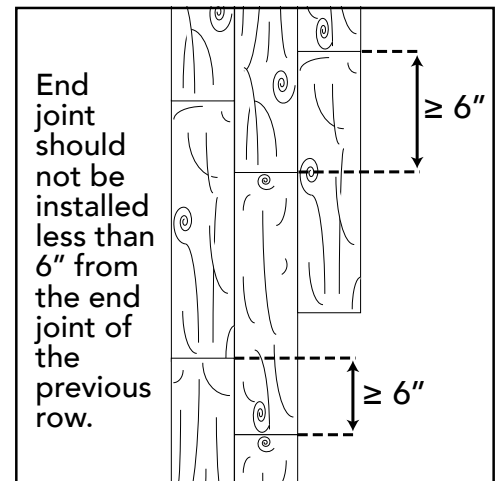
INSTALLATION

BEFORE BEGINNING INSTALLATION ENSURE THAT SUITABLE ENVIRONMENT AND SUITABLE SURFACES GUIDELINES HAVE BEEN MET. NEGLECTING TO MEET GUIDELINES MAY RESULT IN A VOIDED WARRANTY.

- It is highly recommended to sort through at least 25% of your flooring material by categorizing each visual variation into its own pile to ensure a successful "blend" of the flooring. Failure to do this crucial step may result in an unsatisfactory installation as certain areas may contain more of one image variation than another.

Planning Your Installation

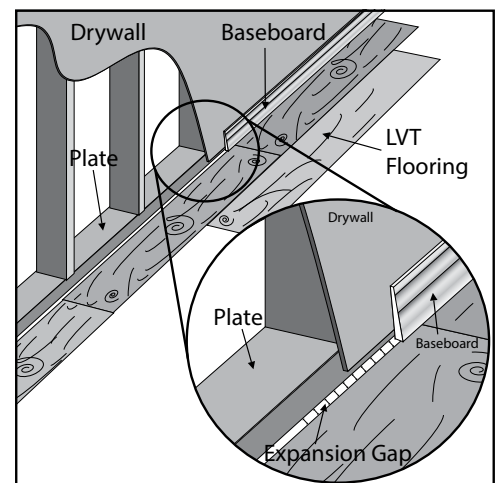
1. Determine the direction you want the flooring to run. Typically the length of luxury vinyl flooring will run with the length of the room or the length of the floor plan.
2. It is important to plan ahead in order to avoid narrow planks widths or short plank lengths near walls and doors. Using the width of the room, calculate how many full boards will fit into the area, and how much space remains that will need to be covered by partial planks (width of room in inches \div width of plank in inches = number of planks). Do the same calculation for the length of the room (length of room in inches \div length of plank in inches = number of planks). Adjust the starting plank as necessary to avoid a narrow row of planks along a wall or door.
3. Flooring should be installed from one corner of the room working your way out row by row. Begin laying your floor at the corner of the longest wall. Lay a complete row of planks to determine the length of the final plank.
4. If the last plank (fill piece) is shorter than 6", then adjust the starting point accordingly. This is necessary in order to achieve the correct staggered effect. The cut edge should always face the wall.
5. To make any fill pieces, simply score the top of the surface of the LVT plank or tile using a utility knife and a straight edge, then snap downward.
6. Start the next row. Planks should be installed randomly, staggering the end joints, no less than 6" from the previous row end joints. Keep planks and tiles squared and tight to the surrounding floor as it is being laid down.
7. Stagger the joints a minimum 6" apart.



The Perimeter

All structures shift and move, this is why it is mandatory to have an expansion gap off all walls.

8. Planks or tiles should be placed 1/4" off the wall plate. Drywall and trim will cover the gap.
9. Spread the adhesive into manageable sections, ensuring that areas with wet setting does not flash over before laying down the flooring.



Continue Laying the Floor

10. Continue to lay down the flooring taking care to spread the adhesive into manageable sections as you move along laying down the flooring.
11. It is important to ensure that the adhesive flashes over before laying more flooring unless it is being wet set.
12. To fit air vents, door frames, etc., make a cardboard pattern as a guide and use this to draw an outline on the plank. Cut to shape and check that it fits. It should fit snugly and should not be forced into place.

Stairs

13. For installation on stairs and landings, it is mandatory to wet set the flooring using HS-V as long as the sub-floor is porous. Stair nosing should be metal, rubber, or you may use our coordinating trims from Versatrim, available through your authorized dealer.

AFTER INSTALLATION

- When you have finished laying your floor, clean up any remaining or spilled adhesive with a damp cloth. Allow 5 days before washing the floor to allow the planks to adhere to the sub-floor.
- Sweep regularly to remove surface grit and dust. Use a damp cloth or mop to clean up any dirt and footprints. All spills should be cleaned up immediately.
- Never use wax, polish, abrasive cleaners, or scouring agents as they might dull or distort the finish. High heels can damage floors.
- Use protective pads under furniture. Do not use rubber or metal pads. Felt pads are highly recommended.
- Use doormats as entrance ways to protect the floor. Avoid using rubber backed rugs as they may stain or discolor the flooring.
- It's a good idea to save a couple of boxes of flooring in case of accidental damage. Planks can be repaired or replaced.
- If other trades are in the work area, a floor protector is highly recommended to help protect the finish of the floor.
- Following the maintenance guideline is mandatory for a valid warranty. Maintenance guideline can be found at www.kennedyfloorings.com.

SUPPORT

- Installation and product support is available through your authorized dealer, and you may also contact Kennedy Floorings directly through email or phone for any questions or concerns you may have.
- This is a comprehensive installation guide to ensure our customers experience a successful installation the first time.
- Kennedy Floorings is dedicated in providing our customers the best flooring products available. All Kennedy Floorings products are rigorously tested to ensure our customers receive the best product possible.

151 Paramount rd
Winnipeg, Canada
Ph: (204) 633.5720
Toll Free: (800) 665.7424
Email: support@kennedyfloorings.com

Kennedy
F L O O R I N G S