

Kennedy

F L O O R I N G S

INSTALLATION GUIDE FOR FLOATING WPC

- Ascot
- Eldora

BEFORE YOU BEGIN

- Make sure you have the latest installation guideline to ensure up to date information by referring the revision 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 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.
- In the rare event of visually defective material, Kennedy Floorings will not be responsible of the installation of material with visual defects. It is the responsibility of the installer to visually approve material before it is installed.

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.
- Moisture in the sub-floor will not damage the flooring, but excessive moisture may cause mold or mildew in the sub-floor and surrounding structures.
- Kennedy Floorings WPC can be installed over existing non-cushioned resilient flooring, ceramic tile, and existing wood floors, as long as the floors are clean, level, and well bonded to the sub-floor.

UNSUITABLE SURFACES

- Flooring product cannot be installed over uneven sub-floors.

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 & SUN ROOMS

WPC 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.
- It is highly recommended that WPC flooring with radiant heat be wet set using Shamrock Surfaces HS-V adhesive.
- Kennedy Floorings recommends that installation in areas of potential rapid temperature change (solarium's, sun-rooms, etc...) not exceed 45°C as this will void the warranty.
- It is recommended that installation of WPC in areas that are prone to rapid temperature change be wet set with Shamrock Surfaces HS-V adhesive.

TOOLS & SUPPLIES

You will need a few tools to ensure a successful installation: safety glasses, straight edge, framing square, tape measure, spacers, pull bar, table saw or laminate cutter, miter saw, tapping block, and rubber mallet.

ADHESIVE

It may be required that Shamrock Surfaces adhesive be used in order to validate the warranty in areas with temperature volatility such as radiant heated floors and sun-rooms. Kennedy Floorings supplies a premium adhesive that is void of fillers to ensure a successful installation of your flooring.

Shamrock Surfaces HS-V

Shamrock Surfaces HS-V (5900) adhesive is a high sheer vinyl flooring adhesive designed to be used with composite flooring products where an aggressive adhesive is recommended in areas with high traffic and rolling loads, and volatile temperature variations.

- Application of HS-V is simple, just follow the instructions found on the pale.

INSTALLATION

Kennedy Floorings WPC is engineered to be installed utilizing the floating installation method.

- Do not install cabinets or fixed objects on top of WPC flooring.
- Verify locking profile prior to installing, checking for debris or damage. Clean, trim or discard any affected sections.
- 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.

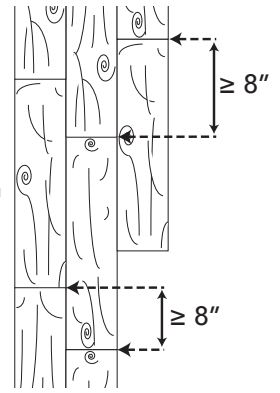
BEFORE BEGINNING INSTALLATION ENSURE THAT SUITABLE ENVIRONMENT AND SUITABLE SURFACES GUIDELINES HAVE BEEN MET. NEGLECTING TO MEET GUIDELINES MAY RESULT IN A VOIDED WARRANTY.

Planning Your Installation

1. Determine the direction you want the flooring to run. Typically the length of plank flooring will run with the length of the room or the length of the floor plan.

- It is important to plan ahead in order to avoid narrow plank 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 ÷ width of plank in inches = number of planks). Do the same calculation for the length of the room (length of room in inches ÷ 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.
- If the last plank (fill piece) is shorter than 8", then adjust the starting point accordingly. This is necessary in order to achieve the correct staggered effect.
- Planks should be installed randomly, staggering the end joints, no less than 8" from the previous row end joints. Stagger the joints a minimum 8" apart.

End joint should not be installed less than 8" from the end joint of the previous row.

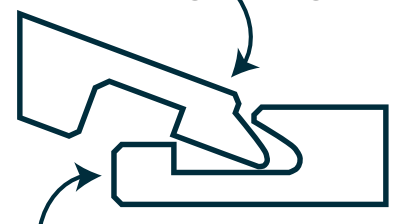


Floating Angle Tap Installation

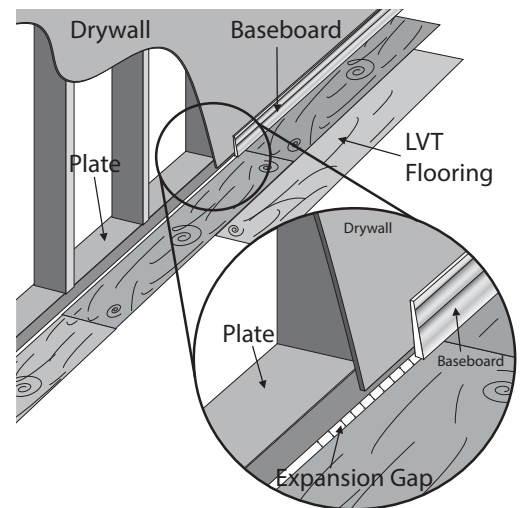
WPC uses a 'angle tap' locking system, where planks are angled into the locking system then tapped to ensure a tight fit.

- Working from left to right, begin installation at the left hand corner of the installation area, lay down the first plank with the inserting tongue of the plank facing the walls. Place spacers around the wall facing edges of the plank to prevent the expansion gap from closing during installation.
- Install the second plank by angling the inserting tongue of the end joint at a 25° angle into the receiving tongue end joint of the first plank, dropping the second plank into place. The second plank should easily be angled in and dropped into place with minimal pressure. Tap the end joint of the second plank with a rubber mallet and tapping block to ensure it is locked into place. Insert spacers along the wall edge of the plank to retain the expansion gap during installation. Continue in this manner for the entire first row.
- At the end of a row, use a rubber mallet and pull bar and tap the end joint of the final plank into the previous plank to lock it into place.
- To start the second row, you may use the remainder of the last plank from the first row, if it's longer than 8", otherwise cut a new plank at a desired length to achieve a staggered effect throughout the installation. To ensure structural integrity, it is mandatory to always stagger the end joints from row to row by at least 8".
- Insert the planks long edge of the inserting sided tongue into the previous row of installed planks and drop it into place. Slide the plank toward the end of the previous row. Insert a spacer to retain a 1/4" expansion gap off the wall or wall plate. Next use a rubber mallet and tapping block on the long edge of the plank to ensure a tight fit of the locking system.
- Continue to lock the long edge of planks into the previous row by inserting the tongue of the plank at an angle and dropping it into place. Slide the plank down towards the end of the previously installed plank until the inserting tongue just touches the receiving tongue of the previous plank. Using a rubber mallet and tapping block, tap the long edge of the plank to ensure a tight fit. Next, use the rubber mallet and tapping block to lock the end joints together. The gap on the end joint should easily close. Continue laying down planks in this fashion until the row is complete.
- Use a rubber mallet and pull bar to lock the end joint of the final plank in the row. Make sure a spacer is used at the beginning of row to prevent the whole row from shifting and closing the expansion gap.
- On the final row, follow the same procedure from step 5, but use a pull bar and rubber mallet to tap the long edges of the planks to securely lock it in place, while following the same procedure from step 5.

Inserting Tongue



Receiving Tongue



AFTER INSTALLATION

- 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.
- If adhesive was used in the installation, please allow up to 5 days before washing the floor to ensure the flooring has fully adhered to the sub-floor.
- **CAUTION:** The procedure of gluing and screwing underlayment panels is not recommended. All responsibility for discoloration problems caused by fastener staining or the use of solvent-based construction adhesive rests on the flooring installer and/ or customer.

SUPPORT

- 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, but does not cover all tricks and knowledge of a floor covering installation expert.
- 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.

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