



WPC/SPC COMPOSITE CORE CLICK INSTALLATION

LVP CLICK INSTALLATION GUIDELINES

Materials Required for Installation

- Tape Measure
- Square Ruler
- Chalk Line
- Utility Knife
- Hand/Seam Roller

Acceptable Subfloors

Wood Subfloor

- Forth Surfaces recommends subfloors that are APA subfloor grade and warranted by the manufacturer. Any failure of the subfloor or flooring as a result of the subfloor is NOT the responsibility of Forth Surfaces.

Concrete • Moisture levels of concrete slabs before, during and after installation must be 5 lbs. per 1,000 square feet per 24 hours using an anhydrous calcium chloride test according to ASTM F1869 and pH must be between 5.0 and 9.0; or, if using ASTM F2170 IN-Situ Probes, should be less than 90% RH (relative humidity). In some instances, it may be necessary to adhere the LVP to “Special needs” areas (steps, ramps, landings, etc.) Refer to the Forth Surfaces LVP Glue Down instructions if adhering is necessary.

Radiant Heated Floors

- Radiant heated floors must be approved by the manufacturer for the use of their product with resilient vinyl flooring applications. The subfloor temperature should not exceed 85°F (29°C) and the system should be turned off 24 hours prior to and after installation. There should be no more than a 5 degree rate of rise per hour.

Underlayment

- If you choose to use an underlayment, Forth Surfaces recommends nothing thicker than 1.5 mm.



NOTE: Forth Surfaces LVP Click products can be installed directly over most existing floor coverings, except for carpet, laminate, floating floors systems and cushioned vinyl flooring.

Storage and Handling

Acclimate the flooring a minimum of 48 hours before installation in the area it is to be installed. Conditions between 65°F and 85°F (18°C and 29°C) are required before, during and after installation. Cartons should be evenly stacked no more than two high on a flat surface and away from any heating/cooling ducts or direct sunlight.

Subfloor and Wall/Door Preparation

- FORTH SURFACES RECOMMENDS USING A 6 OR 8 MIL VAPOR BARRIER UNDER LVP FLOORING. CLAIMS DETERMINED TO BE CAUSED BY MOISTURE RELATED SITE CONDITIONS MAY BE DENIED.
- **Concrete:** Must be fully cured (at least 60 days old)
- Fill any low spots in the subfloor greater than 3/16 inch in a 10 foot span with a Portland cement leveling compound.
- Ceramic tile and embossed flooring will require skim coating with a Portland based patch to avoid bottom up pattern telegraphing.
- Remove any existing floor molding. Removal of wall baseboards is optional as quarter round can be installed to avoid baseboard removal. Undercut doorjamb so the 1/4" (1/2 cm) expansion space is maintained, allowing the LVP to slip under doorjamb/case molding.
- Sweep the subfloor clean. The floor must also be free of all contaminants.
- Inspection of flooring material prior to installation is required. Any defects should be immediately reported to Forth Surfaces before installation. Forth Surfaces will not be responsible for labor costs to repair or replace material with defects that were apparent before or noticed at the end of an installation. Note: DO NOT install cabinets on top of floating LVP. The surface beneath the floor must be sufficiently prepared in advance to guarantee a successful installation of the flooring.

Start of Installation

- Floor must be clean, smooth, flat and dry before installation.
- Check the tongue and groove to assure it is free of debris or damage.
- To achieve maximum appearance, mix planks from two to three cartons from the same production.
- For plank installation, staggering the end joints a minimum of 6" is required.



- For tile installation, staggering the end joints a minimum of 3" is required.
- Do not install four corners together, as this will not provide a stable installation.

NOTE: The advantage of Forth Surfaces's LVP Click product is that it allows you to choose your own starting position, direction and can work one plank/tile at a time. Walls are not always straight. Snap a chalk line for your first row to follow. Maintain a 1/4" (1/2 cm) expansion space around all walls. Quarter round or baseboard molding will cover this expansion space. Make sure that you have a transition break every 30 ft. in either direction. Note that in doorways that are less than 6 ft. use a t-molding.

IMPORTANT: Maintain the 1/4" (1/2 cm) space around cabinets, pipes, toilet flanges and any obstacle in the floor.

Clicking Planks/Tiles Together

- To click the end joint of the plank/tile together, click the short side of the plank/tile vertically into the previous one by pressing it by hand and rolling it with a hand roller or seam roller to ensure a fully compressed tight fit.
- To click the length joint of the plank/tile together, place the long joint together, lifting slightly to engage the lock. Rotate the plank/tile downward until it clicks together for a tight fit. Use a small hand roller or seam roller to press/lock the compression fit end joint.
- If there are any gaps, we recommend using a small scrap piece of plank/tile with the lock on the edge. Lock groove-to-tongue or tongue-to-groove for this application. Lock the scrap piece to the area requiring tapping, and lightly tap the edge of the material. This will bring the tile edges tight together.
- Cut the plank/tile by scoring through the top wear layer with a utility knife then snap the plank/ tile across the score. LVP CLICK INSTALLATION GUIDELINES
- Install adjoining rows as you did the first one piece at a time. Holding the plank/tile at a slight angle, place it against the profile in the first row. Rotate the plank/tile down to secure the length joint assuring there are no gaps along the joint.
- The adjoining planks/tiles are aligned by sliding the long joint into position, shifting it to properly match the end joint against the previous plank/tile. Repeat until you reach the final row of material.
- To install the final row of planks/tiles, you will usually need to cut them. We recommend the following: lay a panel on top of the last row installed, lay another plank/tile against the edge of the wall and mark the plank/tile underneath.

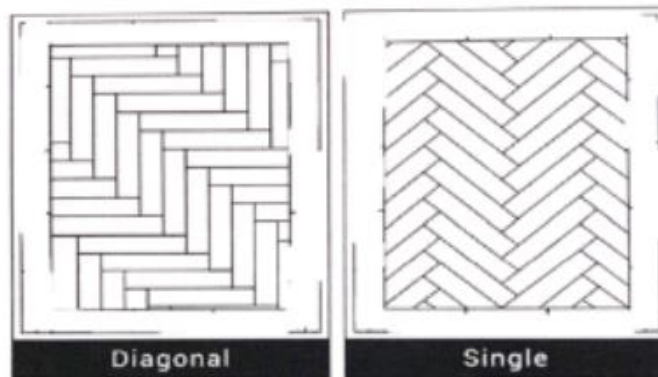
- Cut the plank/tile through the wear layer and snap along the score. Install the last row leaving ample expansion space.

HERRINGBONE INSTALLATION

UNIZIP INSTALLATION STEPS

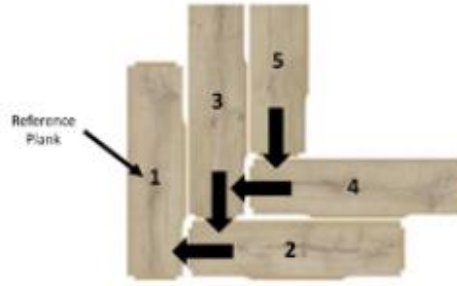
Forth Surfaces Tailored Plank Herringbone uses **Unizip** patent technology, no need to distinguish left to right - making installation easy.

1. The **Unizip** patented click technology affords two different herringbone room orientations. Please determine the installation program and choose your favorite installation effect before installation.
2. According to the size of the installation area, determine the center point of the area to obtain the best effects.



3. The most common installation method: Diagonal Herringbone
 - a. Using one plank of flooring as the reference edge, start to install the floor, first inserting the second plank short side tongue into the reference long side groove. Take the third

plank and insert the long side tongue into the reference plank long side



groove.

b. Tap the end joint into place with a rubber hammer and tapping block to fully engage the end joints together.

c. Repeat installation of planks in this manner across the room, filling in planks on either side of the starter group of planks shown above.

d. Measure the sides of the floor and cut off the excess, being careful to leave a 1/4" expansion space.

e. Check the groove on each plank to ensure it is clean and free of debris.

f. Continue installing planks, check that all planks are fully engaged; if a slight gapping is found, the gap can be tapped together by using a tapping block.

g. When fitting under door casings, etc., the flexibility and convenient connection of **Uniclic** becomes evident. If necessary, a pull bar may be used to assist in locking the planks. If needed, remove the locking profile on the groove side in order to slide the plank into place and apply seam sealer to the edges to glue planks together.

h. When fitting around obstacles or into irregular spaces, the product can be cut easily and cleanly using a utility knife with a sharp blade. It is often beneficial to make a cardboard template of the area and transfer this pattern to the plank.

i. Protect all exposed edges of the flooring by installing wall molding and/or transition strips. Make sure that no plank will be secured in any way to the subfloor.