

SPC Installation Instructions- Flooring with UNIPUSH

General

Dyno Impact: advanced SPC floors can be installed directly over most existing floor coverings, except for floating floor systems, carpet, laminate floors, and cushioned vinyl flooring. Underlayment –Attached 1.5mm IXPE Underlayment prevents planks from bouncing, causing the click system to unlock.

Note: SPC can be installed above, on and below grade. The product may be installed either as a floating floor or by direct glue down method on approved wood or concrete subfloors. Direct glue down applications require a full spread adhesive manufactured exclusively for LVP and LVT only. Never use an adhesive that is recommended for multiple products. Follow the manufacturer's installation instructions when full spreading our Awaken Collection.

Walls, subfloors, and installed floors in buildings and houses move. A **minimum of ¼” gap extension is recommended** between the installed floor and any adjacent perimeter wall, vertical structure, or wood based floor (laminate or hardwood).

Subfloor Preparation

SPC is a waterproof product. Moisture will not damage the product. When installed, it does not produce a moisture barrier nor does it protect the walls or structure of the home from moisture. Only installing a moisture barrier in a crawl space or under SPC over a concrete floor can insure this. Please see below Subfloor Requirements section for moisture limits to protect the home from moisture damage.

Subfloor Requirements

All subfloors must be dry, structurally sound to support the floor and protect the home from moisture, free of debris and foreign matter, and a flat to 3/16” in a 10-foot radius.

For concrete floors, the subfloor should be firm, flat, dry, and clean. This includes both old and new concrete floors. New concrete slabs must be cured and well-ventilated conditions for at least 60 days minimum before installing the floor. Concrete should have a minimum-6mil poly film moisture barrier between the concrete and ground. Maximum moisture level per the Calcium Chloride test method is 9lbs per 1000 cft in 24 hours. The maximum level of relative humidity per ASTM. 2170 test method is 90%.

Awaken Collection subfloors must be dry and properly secured to accept a top floor. The subfloor must be secured every 6” along joists with nails or screws to avoid squeaking. The floor must be leveled and flat. High spots must be ground down and low spots must be filled with a Portland cement leveling compound.

Please note that SPC is not approved for installation over any type of carpet.

Installation

This special UNIPUSH click system is designed to be installed utilizing the floating method. Always use the proper expansion space.

Undercut all door jambs. Never fasten moldings and or transition strips to the planks.

The use of a recommended underlayment is recommended under the SPC floor in installations where sound abatement is needed. Run the foam underlay in the same direction as the SPC panels. Underlayment should be butted sided by side with no overlap. Tape the butted seams together.

1. It is important to determine your floor layout at the start of the installation. This will prevent narrow plank widths or short length planks in the installed floor.
2. Planks should be installed parallel to the longest exterior wall.
3. Determine the width of your starter plank in your first row. If it does not need to be cut, create a clean plank edge for the wall by trimming the unsupported tongue from the plank with a utility knife.
4. Start the room installation from the left side and work to the right facing your starting wall. Maintain a ¼” expansion zone from the plank to the wall.
5. The second plank in the first row is installed by angling the tongue of the end joint into the end groove of the first plank. Do not bend the plank of the corner. Remember to leave a ¼” expansion space from the wall. Start the second row by cutting a plank at least 6” in length (the minimum length of a starter or ending plank). This recommendation is for appearance as well as structure.
6. To start the second row, fit the first plank in the second row by angling the plank and engaging the tongue of the long side into the groove of the plank in row one. Install the second plank in the second row by engaging the short end tongue into the previously installed plank groove. Align the plank so that the long side tongue is placed slightly over the groove of the plank in the first row. Lifting at a low angle, insert the long tongue into the groove of the plank in the first row. Very little force is required to engage the tongue into the groove. You should feel the tongue lock into place in the groove.
7. Work to the right in the first row installing planks along the wall and next align the planks in the second row. Installing in this fashion will keep these two starting rows straight and true. The installation should be frequently checked for squareness and straightness of the rows and planks.
8. Cut the last plank in the first row and leave an expansion gap of ¼”. You may cut planks with a utility knife using a score and a snap method or an LVP cutter if the remainder of this plank is a minimum of 6” long, it can be used to start the third row.
9. Install remaining planks making sure to achieve a random appearance of the end joints. Starting and ending planks must be a minimum of 6” in length. If any gapping is found, tap the space together using a tapping block and a scrap piece of the installed flooring to protect the plank from the tapping block until the joint is closed.
10. When fitting under door casings, a pull bar may be used to assist in tacking the planks. You can also remove a portion of the locking mechanism and glue the plank using super glue to connect the plank.
11. When fitting into irregular spaces or near obstruction, a pattern using felt or butcher paper can be made to transfer the pattern to the plank. The plank can then be cleanly cut using a utility knife.
12. Install moldings, baseboard or transition strips to any exposed edge of the flooring. Since this is a floating floor, make sure that the planks are not accidentally attached to the subfloor when moldings are installed.
13. Protect the newly installed floor from other trades by covering the finished with an appropriate paper.

Installation Tools

Safety Glasses
Broom/ Vacuum
Tapping block
¼” spacers
Pull bar
Utility knife
Pencil
Tape measure
Ruler