



**Advanced
Flooring
Concepts**

Leaders in Innovative Commercial Flooring!

INSTALLATION INSTRUCTIONS

CLICK

GENERAL GUIDELINES

This information provides general guidelines for Advanced Flooring Concepts SPC Click. All instructions and recommendations should be followed for a proper installation

1. Install Advanced Flooring Concepts only after the clear of dust and debris that could create lifting and an improper installation
2. All subfloor/underlayment patching must be done with a non-shrinking, water-resistant Portland cement patching compound.
3. Doorways and archways must have a suitable "T" molding installed to protect the exposed edges of the flooring. Use of a 9" band of adhesive in all entryways is recommended to keep the flooring from movement.
4. For areas that run greater than 20 square feet, it is recommended to section the area into equal 10-12' sections and utilize the perimeter-X pattern for the adhesive.
5. All areas where the product will be installed must have a working heat and air conditioning source operational and remain in operation during and after installation. Humidity should be no great than 65%
6. Calculate the total quantities required and add 5% for excess and waste.
7. Luxury Vinyl Planks should be laid randomly across the floor to create the best color effect. We recommend that you install the planks using a mix from several different cartons to ensure a random appearance
8. Planks should be fitted lengthways towards the main incoming light source and, where possible, down the length of the room. In narrow hallways, install the floor parallel to the length of the hallways.
9. To prevent problems staining of finished flooring and the general movement of a free-floating floor, areas to receive resilient flooring shall be permanently dry, clean, smooth, level and structurally sound. They shall

be free of all contaminants, including but not limited to: dust, solvents, paint, wax, oil, grease, residual adhesive, adhesive removers, curing, sealing, hardening or parting compounds, alkaline salts, excessive carbonation mold, and mildew.

10. In the kitchen, bath, or restaurant areas, it is recommended that wet areas are fully glued down and not loose laid.

RECOMMENDED MATERIALS

- | | |
|---|--|
| <input type="checkbox"/> Safety Glasses | <input type="checkbox"/> Portland Cement-Based Compound |
| <input type="checkbox"/> Utility Knife | <input type="checkbox"/> Carpenter's Square or Straight Edge |
| <input type="checkbox"/> Measuring Tape | <input type="checkbox"/> Tapping Blocks |
| <input type="checkbox"/> Straight Edge/Chalk Line | <input type="checkbox"/> Pull Bar |
| <input type="checkbox"/> Vinyl Plank/Tile Cutter (Optional) | <input type="checkbox"/> Knee Pads |

GENERAL SUBFLOOR GUIDELINES

Although Advanced Flooring Concepts SPC Click is designed to be a floating floor installation, proper preparation of the subfloor is still a major part of a successful installation. Gaps or valleys of the subfloor may result in an appearance of unevenness resulting in an unsightly surface and cause excessive wear on high spots.

PREPARATION BY SUBSTRATE TYPE

All substrates must be properly prepared and tested according to the following guidelines.

Concrete Subfloors

Proper subfloor preparation and suitable underlayment installation are essential for a trouble-free job. Uneven or rough subfloor surfaces will show through (or telegraph) to the surface of this product resulting in an unsightly surface and can make high spots more susceptible to excessive wear. Correct the subfloor imperfections before you begin installing this product.

- All subfloors should be smooth, flat and dust-free with the tolerance not to exceed more than 1/8" in a 10' span. Holes, grooves, expansion joints, and other depressions must be filled with a Portland-based underlayment and troweled smooth and feathered even with the surrounding surface.
- Concrete subfloors must be dry, smooth and 85% free from dust, solvent, paint, wax, grease, oil, asphalt sealing compounds and other extraneous materials. Advanced Flooring Concepts Loose lay floors must be installed on dry floors. The floor must have a moisture reading of less than 95% RH. If any subfloor shows moisture readings above 95% RH then an acceptable damp proof membrane/moisture suppression system must be applied. The surface must be hard and dense, and free from powder or flaking.
- New concrete slabs must be thoroughly dry and completely cured. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer.
- Concrete underlayments with a radiant heating system are acceptable, provided the temperature of the subfloor does not exceed 85 degrees Fahrenheit at any point. The system should be covered with a self-leveling underlayment separating the flooring from the heat source by at least 1/2".
- Expansion joints, grooves, holes, and other depressions must be filled with a Portland cement-based compound.

Wood Subfloors

- All wood panels for use for Advanced Flooring Concepts Floors must be smooth, flat, structurally sound and free of deflection.
- A combination of wood subfloor and panel underlayment construction shall be a minimum of 1" in total thickness.
- There shall be at least 18" of well-ventilated air space beneath all wood subfloors. Crawl spaces shall be insulated and protected by a suitable vapor barrier.
- Wood subfloors installed directly on concrete or over "sleeper" joist systems are not acceptable for use under Advanced Flooring Concepts Resilient Flooring.
- Panels designed as suitable underlayment shall be at a minimum ¼" in thickness, dimensionally stable, fully sanded face to eliminate grain texture or show through and have a written manufacturer's warranty and installation instructions.
- Panels shall be installed according to manufacturer's instructions regarding stapling pattern, sanding and filling of joints, and acclimation to the installed environment
- Advanced Flooring Concepts will not cover or accept responsibility for unevenness in the subfloor causing lippage or gapping. This is a subfloor issue.
- Unacceptable substrates shall be covered using a ¼" or thicker panel underlayment recommended for commercial use. Follow the underlayment manufacturer's installation instructions fully.

Removal of Old Adhesives

- Adhesive residue shall be properly removed before the installation of Advanced Flooring Concepts Luxury Vinyl Flooring. It is recommended that mechanical scraping or grinding be used as a primary means of removing old adhesive residue.
- Residues include, but are not limited to carpet, vinyl, VCT, and or wood flooring adhesives.
- If chemical/liquid adhesive removers are utilized, the manufacturer's recommended instructions for cleaning after use of the remover shall be followed fully. Advanced Flooring Concepts is not responsible for any adhesive failures, indentation, bubbling, or delamination of new flooring due to improper cleaning of residue left from liquid adhesive removers.

Other Substrates

- Ceramic, porcelain, marble, and granite tiles are suitable as substrates when the following conditions are met:
 - i. Tiles must be properly bonded with intact grout joints and free of cracks
 - ii. The surface of tile and grout joints should be free from sealers, coatings, dirt, and contaminants.
 - iii. Properly prepare the surface of tiles by grinding any high areas and using a suitable Portland-based leveling compound and primer to fill in all low areas. Follow leveling compound manufacturer's recommendations for surface preparation and application of the product.
- The following are not suitable substrates for installation of Advanced Flooring Concepts LV Flooring: rubber, cork, or asphalt tiles; and any other material covered in the sections above and listed as unsuitable.
- Unsuitable substrates should be covered with an approved ¼" wood underlayment or suitable Portland-based cement leveler or patching compound. Always follow the manufacturer's recommended practices when covering an existing substrate

INSTALLATION GUIDELINES

Planning Planks

First, determine how you want the flooring to run. Typically for plank products, the flooring runs the length of the room. There may be exceptions since it is a matter of preference.

To avoid narrow plank widths or short plank lengths near the walls/doors, it is important to do some pre-planning. 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.

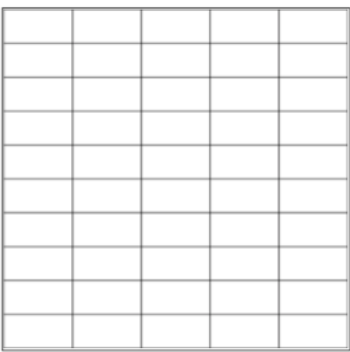
Lay the first row of planks along a chalk line and trim to fit the wall allowing $\frac{1}{4}$ inch expansion space. If you start the first row with a full-width plank, it will be necessary to trim the tongues next to the wall and then place the cut edge next to the wall. Use a utility knife and a straight edge to score the top surface of the plank and then bend it downward to separate. If the starting wall is out of square, it will be necessary to scribe the first row to match the wall, allowing the opposite side of the row to present a true square base for the rest of the floor.

Use expansion gap spacers to keep the floor about $\frac{1}{4}$ inch away from the walls. You need to maintain a $\frac{1}{4}$ inch gap around all vertical obstructions including cabinetry.

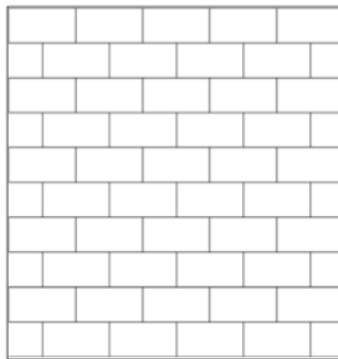
Remove wall base and undercut door jambs. Do not secure individual planks to the subfloor as it is designed to be a floating floor. Do not install cabinets on top of floor. Transition moldings cannot be tight to the floor but allow the floor to move beneath them.

Types of Possible Floor Layouts: Click Flooring

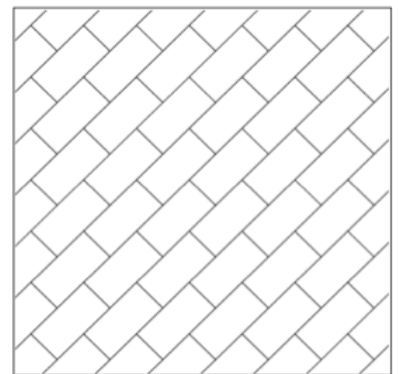
Stack Bond



Subway



Diagonal



INSTALLATION OF FIRST ROWS

Installation



1 Remove any existing base molding and/or skirting and undercut door frames so planks can slide under the jambs



2 Lay the first row with the extended tongue side (fig. 1) facing towards the wall with minimum gap of 1/8" (3mm) up to 3/8 (9mm)



3 Interlock short ends by inserting the tongue side into the groove at an approximate angle of 20°. Properly locked planks will have a near seamless appearance & are not easily pulled apart.

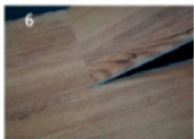


4 Insure the first row is straight by using a spare plank to align the seam (fig. 2). This is essential for a secure installation & straightness in successive rows
Planks can be cut with a straight edge and utility knife. Simply line up the straight edge, score the plank until you have penetrated the clear wear layer, and snap

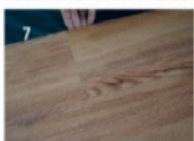
5 Begin laying the second row by inserting the long tongue edge into the long groove edge of the first row at approximately 20° until fully inserted and then drop flat (fig 3 & 4)



6 When laying subsequent rows, it is essential to stagger joints to insure planks are adequately locked together and to achieve a random appearance in the flooring (fig 5). We suggest using the cut end of the last plank of the first row as first plank of the second row. Appearance can be altered to suit your taste.



7 In order to lay the next plank, lock the short ends with the long edges slightly apart (fig 6) taking care to insure the lock is solid and the seam is even



8 Carefully lift the plank to a 20° angle and lock the long edge by sliding the tongue into the groove edge (fig 7). Properly installed planks will have a minimal visible seam

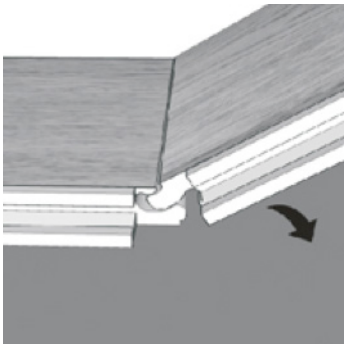
9 Continue installing second row in the same fashion and cut the final plank of the row taking care to leave the same approximate gap between the plank and wall

INSTALLATION OF CLICK FLOORING



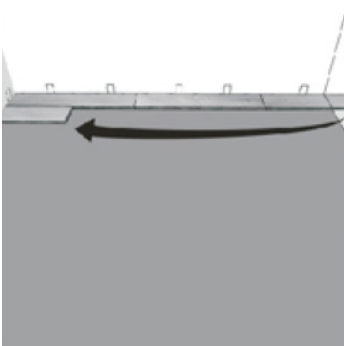
STEP 1: Insert Spacers

Begin the installation working from left to right. Insert the Spacers at the ends and edges where planks meet wall. Begin the installation working from left to right. Insert the Spacers at the ends and edges where planks meet wall.



STEP 2: Installing the 1st Row

Lock short end of plank by inserting tongue into groove at an angle and drop in place Continue to the end of the first row.



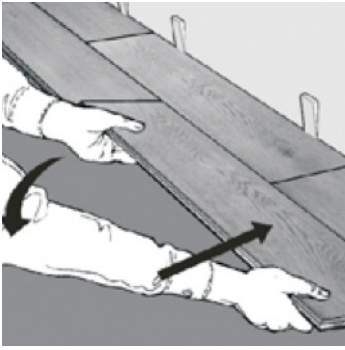
STEP 3: Beginning 2nd Row

Use leftover plank from first row as starter for second row working from left to right.



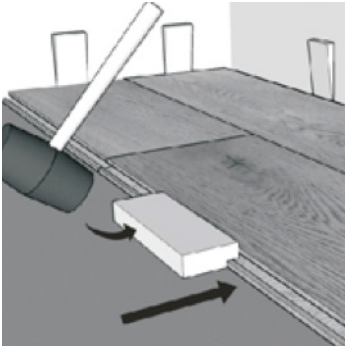
STEP 4: Stagger Planks

There must be at least 8" between plank end joints on adjacent rows.



STEP 5: Lock Long Edge of Plank

Lock long edge of plank by inserting tongue into groove at an angle and drop in place. Slide plank toward end of previously installed plank until the tongue just touches the groove.



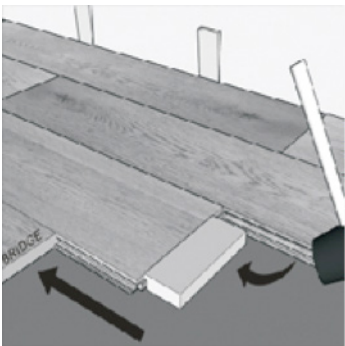
STEP 6: Ensure Tight Fit

IMPORTANT! Use rubber mallet and tapping block to tap long edge of plank to ensure a tight fit. **ANY GAPPING CAN COMPROMISE THE LOCKING SYSTEM!** Tongue just touches the groove.



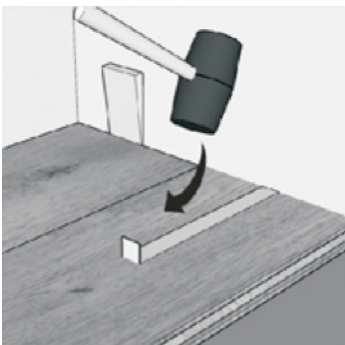
STEP 7: Bridge Gaps-End Piece

Attach a scrap piece of floor to bridge gap between ends of planks.



STEP 8: Lock Final Rows

Tap end of plank with rubber mallet and tapping block to lock ends of planks together. Remove bridge and continue towards wall until installing the final plank in the row. Be sure to tap on edge if vinyl so as not to damage locking profile



STEP 9: Lock End of Planks Together

Use rubber mallet and pull bar to lock final piece in row. Insert spacer at end of row. Continue installation to final row.

INSTRUCTIONS AFTER INSTALLATION

1. Be sure planks are set, flat and have tight edges. Re-roll the entire installation along the perimeter and any area where adhesive is used with a 3-section 100 lb. roller to ensure all planks are properly set into the adhesive. If necessary, weigh down any loose planks overnight to ensure a bond. Adhesive can be carefully reactivated using a heat gun after drying to re-install planks.
2. Clean adhesive residue from the face of the flooring following these instructions:
 - a. Wet adhesive residue on the surface of the planks can be cleaned with a clean, white cloth **dampened** with warm, soapy water. **Do not use water as this can seep between the seams of planks and lead to an adhesion failure!**
 - b. Dry adhesive residue can be cleaned with mineral spirits or denatured alcohol and a clean cloth sparingly. Carefully follow the directions on the mineral spirits container.
 - c. Do not pour soapy water, mineral spirits or denatured alcohol directly on Advanced Flooring Concepts
 - d. If working with epoxy or urethane adhesives, you must clean these up while wet according to the adhesive manufacturer's instructions, which can be generally found on the container label.
3. Advanced Flooring Concepts Floor recommended adhesives should be cured according to the following guidelines: (Only if Glue is Used)
 - a. It is important to allow the adhesive to set before accepting any foot traffic for a minimum of 12 to 24 hours. Failure to adhere to this guideline may result in shifting of planks, oozing of adhesive through seams or permanent indentations.
 - b. Do not allow heavy loads, rolling traffic, furniture or fixtures on the floor for 24-48 hours after installation.
 - c. Advanced Flooring Concepts is not responsible nor will warrant our products if this is not properly followed.
 - d. Proper rolling of floors during and after installation is a must on Luxury Vinyl products. Use a 3-section, 100-pound roller to set flooring into the adhesives.
4. If Advanced Flooring Concepts is not the last portion of the construction project, the floor must be protected from construction traffic and damage. Wait 24 hours and utilize a reinforced fiber protective board or a heavy kraft paper (min. 60 lbs.) and cover the floor. Failure to wait 24 hours before covering can impact adhesive curing.

INITIAL MAINTENANCE

Initial Maintenance

1. Wait 7 days after installation is completed and thoroughly clean the floor using a neutral pH cleaner.
2. If necessary, a slow (175rpm) buffer can be utilized with a white, non-abrasive pad to remove heavier deposits.
3. Rinse the floor thoroughly and allow it to dry.

Daily and Weekly Maintenance

1. Sweep, vacuum or dust mop the floor as needed to remove dust loose dirt and grit. In high traffic areas, this may be a daily or twice daily procedure. Use only a vacuums that do not have bristle beater bars.
2. Clean liquid spills immediately to prevent the possibility of stains, slips or falls.
3. Damp-mop the floor as needed to remove dirt and stains. Use a neutral pH cleaner and a red pad if needed to remove ground-in dirt. Soft bristle brushes can also be used on flooring with embossed surfaces.

Preventative Steps

1. Use mats at all entry areas to keep dirt, sand, and water off of the floor. Clean the mats regularly. If mats are placed directly on top of the Advanced Flooring Concepts floor, be sure the mats have a non-staining back. Rubber mats are also not recommended over Advanced Flooring Concepts Floor products.
2. Furniture shall have protective glides of at least 1" in diameter to minimize the chance of indentations or scratching to the surface of the floor. Do not use narrow chair glides! Felt pads are also excellent protection for the floor for furniture that will be frequently moved directly across the floor.
3. Do not move heavy furniture, appliances or fixtures directly across the floor. Use protective boards or appropriate furniture movers designed for use over hard surface flooring.
4. Protect the floor from direct sunlight by using appropriate window coverings.
5. Use chair mats at desks to protect the floor from damage due to chair legs or casters.
6. Periodically clean caster wheels and check for wheels that may be broken or no longer rotating. Replace damaged wheels immediately.
7. Avoid the use of metal or razor scrapers to remove dirt, residues or other marks from the flooring. This will damage the protective wear layer of the vinyl flooring.

WARRANTY STATEMENT

General Terms

This warranty document covers products manufactured and applied in a residential, light commercial and heavy commercial settings. Advanced Flooring Concepts reserves the right to repair any floor and/or obtain the services of a professional to conduct repairs or replace the flooring. Advanced Flooring Concepts branded vinyl products when installed in any area, regardless of use designation, must be professionally installed by a certified flooring contractor to validate this warranty. No exclusions or exceptions will be made to this clause.

Self-adhesive, D.I.Y products, closeouts, seconds and cash-n-carry sales are not covered under this warranty.

WARRANTY PERIODS FOR Advanced Flooring Concepts PRODUCTS

Manufacturing Defect Warranty

Advanced Flooring Concepts International warrants that Advanced Flooring Concepts will be free from manufacturing defects for

1 (one) year from the date of purchase. If such defect occurs, upon verification of the defect by Advanced Flooring Concepts will authorize repair or replacement of the affected area of installed flooring. Labor reimbursement will be according to approved and reasonable labor charges and must be submitted to Advanced Flooring Concepts in writing for validation.

Wear Warranty

Advanced Flooring Concepts International warrants that the installed product will not wear through to the printed film layer, stain or fade under normal household use for some time as defined in Table A above. Wear-through is defined herein that the wear layer is sufficiently depleted or compromised so that the printed film layer is damaged, altered or affected from normal use. Stains and fading must be sufficient that the affected area of flooring is permanently discolored from normal household use and cleaning.

Warranty Limitations

- This warranty is not transferable.
- This warranty covers only properly installed and maintained floors, according to Flooring Innovation installation guidelines and accepted industry practices.
- For products sold as “Do-It-Yourself” or cash-n-carry sales, no reimbursement for labor costs will be provided.
- Advanced Flooring Concepts excludes and will not pay for any consequential or incidental damages under this limited warranty.
- Advanced Flooring Concepts will not pay for the loss of time, inconvenience or other incidental expenses incurred during the initial installation and the subsequent removal and/or reinstallation of affected material, including clearing any items placed over the finished flooring and affected area after the original installation.
- This warranty does not cover the exclusions indicated on the package.
- Advanced Flooring Concepts reserves the right of final judgment and may refuse claims in certain instances.
- Advanced Flooring Concepts reserves the right to modify or withdraw the warranty at any time.

ACCREDITED ORGANIZATIONS FOR STANDARD PRACTICES

American Concrete Institute (ACI)

P.O. Box 9094
Farmington Hills, MI 48333
www.concrete.org

ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
www.astm.org

APA – The Engineered Wood Association (APA)

7011 S. 19th Street
Tacoma, WA 98466-5333
www.apawood.org

Resilient Floor Covering Institute (RFCI)

115 Broad Street, Suite 201
La Grange GA 30240
www.rfci.org