

CASA WOOD FLOORS

SPC AquaShield

Installation Instructions

*****READ ALL INSTALLATION INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION PROCESS. IMPROPER INSTALLATION WILL VOID YOUR WARRANTY.**

Job Site Preparation

Structure must have working climate control operating at least 48 hours prior to installation. Temperature before, during, and after installation must be maintained between 60 and 80 degrees F. Humidity must be maintained between 30% and 55%. Temperature and humidity must be maintained as such at all times throughout the year. Acclimation of Casa Wood Floors SPC AquaShield is not necessary if these job site conditions exist at least 48 hours prior to delivering the flooring to the jobsite.

Acceptable substrates include concrete, plywood, gypcrete, OSB, and vinyl. Substrates should be flat to a tolerance of 3/16" in a 10' radius or 1/8" in a 6' radius. Concrete slabs must be cured for at least 90 days and have a moisture content of less than 5lbs/1000sf/24 hours per ASTM F-1869(Anhydrous Calcium Chloride Test) or 85% Relative Humidity. For extra moisture protection on concrete slabs, use 6-8 mil poly sheeting. Overlap seams 12" and tape seams with water proof duct tape.

Casa Wood Floors SPC AquaShield flooring may be installed on-grade, below grade, and above grade. Product is for in-door use only. Do not install in saunas.

Casa Wood Floors SPC AquaShield flooring may be installed over water subfloor heating systems. However, such systems temperature should not exceed 81 degrees F. Flooring cannot be installed over electrical radiant heating systems.

Do not use additional underlayment under Casa Wood Floors SPC AquaShield.

Tools and supplies required

● Spacers ● Rubber Mallet ● Ruler ● Pencil ● Tape Measure ● Utility Knife ● Straight Edge ● Pull Bar

Casa Wood Floors prohibits the use of any adhesive tape on the flooring at any time during installation or thereafter. This includes tapes that are "specifically made" for flooring, such as blue or green masking tapes. The use of any tape may void the Warranty and no claims will be addressed in regards to defects in the finish as a result of the use of tape on our flooring.

Installation

Casa Wood Floors SPC AquaShield flooring is not approved as a glue down installation. Do not install cabinets on top of the flooring.

You must maintain at least a 5/16" gap around all walls and other vertical surfaces such as pipes, pillars, or staircases.

Undercut all door jambs, using a piece of the flooring as a height guide.

For rooms exceeding 640sf or lengths exceeding 60ft, use expansion moldings.

Sweep and/or vacuum the subfloor to remove all dust and debris.

Measure the room's square-ness to help you decide which direction to lay the flooring. Planks are normally laid the direction of the longest length of the room.

Measure the width of the room and divide by the width of the planks to ensure the last row of planks will be 3" wider or more. If not, you will need to trim the first row to ensure the last row will be at least 3" wide.

Always open and work from 3 boxes at a time to ensure a good mix of color and variation of planks.

Inspect all planks prior to installation for defects or unusual color or grain patterns. Planks that are defective or unacceptable by the end user should not be installed. Defective planks in excess of 5% can be returned for refund within 30 days. Unacceptable planks should be installed in other areas such as closets, or discarded. **No credit will be given for defective or unacceptable planks that have been installed.**

Begin laying planks from the left side of the starting wall and work to the right side. **The tongue side of the plank should face the wall, the groove side should face out.**

Place 5/16" spacers between the long and short sides of the planks and the wall. Always place spacers between the planks and the walls and all other vertical surfaces to keep proper and required expansion space.

After laying down your first plank, insert the tongue on the end of the second plank at a 20-30 degree angle into the groove on the end of the first plank and click into place. Make sure the second plank is perfectly flat and securely clicked. You should be able to engage/click in all planks just by using your thumb. Do not use a mallet to move the plank as you may damage the clicking mechanism. After the plank is engaged, lightly tap the **face, only** of the plank at the end to ensure solid engagement. Insert the remainder of planks into the first row ensuring that the line remains straight, with the required 5/6" spacers in place.

When you come to the end of a row, flip the last plank over end to end so that the groove is to your left. Line up the right side of the plank to the end of the last plank installed, remembering to cut 5/16" short of the wall for expansion. Using your pencil and straight edge, mark the line and use your utility knife to cut at that line. Snap the plank at the cut line. Flip the plank over and install using the 20-30 degree angle install method. You can use the left over piece to start your next row.

You may occasionally need to **lightly** use a pull bar on the last piece in a row to ensure a tight fit. **Be very careful when doing this so that you do not damage the plank or the locking mechanism.**

It is very important to ensure that the first two rows are straight and square as this will set the integrity of the entire installation. Always stagger rows a minimum of 8" at the ends.

Subsequent rows are installed, left to right, using the 20-30 degree angle method. The first plank of each row is installed by clicking into the edge of the row above. Remaining planks in that row are installed inserting the end tongue into the adjacent end groove at a 20-30 degree angle, then lining up the long edge of the plank you are installing with the long edge of the above plank, clicking the end tongue into the adjacent end groove, then clicking in the long edge tongue into above plank long edge groove. Plank should easily click in with just thumb pressure. It is a good idea to **lightly** tap the **face, only** of the planks at the ends and along the edges to ensure a solid attachment.

Here is a good YouTube video to watch for further explanation. Copy and paste this address into your browser:

<https://m.youtube.com/watch?feature=youtu.be&v=uMJnK4TeMME>

After the flooring installation has been completed, remove the spacers and install the transition moldings and base boards. **Do not install transition moldings or base boards to the flooring.**

Carefully follow Casa Wood Floors SPC AquaShield Maintenance Guidelines to keep your warranty valid and to have a long lasting, well performing, beautiful floor.