



RECOMMENDED INSTALLATION GUIDE

ATTENTION: CAREFULLY READ BEFORE INSTALLING!

Master Floors planks is designed to be a floating floor over an existing secured floor. No need to be glued down with any adhesives.

CAUTION: Do not install our SPC FLOORING over carpet and extra underlayment is not necessary. **Use a 6mil moisture barrier for all SPC Flooring for moisture protection.** This product is not suitable for any outside use, sunrooms, solariums or saunas. We also highly recommend you do not install in rooms that are not temperature controlled. Exposure to long-term direct sunlight can cause damage to your floor.

1. Tools needed

- Utility knife and straight edge
- Measuring tape
- Shears for cutting around irregular shaped objects
- 1/4" spacers

2. Planks needed to complete your project Measure the length and width of your room. If the room has alcoves or offsets, measure these separately. This will give you the square footage of the room. Purchase a minimum of 5% extra to cover mistakes, trimming and for future needs or replacement. Most installations require about 5% overage. However, this can vary depending upon the room size and layout.

3. Before Installation

CHECK THE PLANKS BEFORE INSTALLING THEM TO BE SURE OF APPEARANCE:

We maintain strict quality control at the factory, but it is a good idea to check each plank for blemishes or flaws. **CONDITION THE SPC FLOORING PLANKS BEFORE**

INSTALLATION: The room temperature shall be no less than 65°F(18 °C)for 24 hrs. before, during and after installation. Pure SPC flooring should not be exposed to temperatures above 140° F (60° C) or below 32° F (0° C).



MASTERFLOORS

Do not remove the planks from the case during this acclimation period! Maintain this temperature during installation as well.

4. Subfloor preparation

- 4.1 The subfloor surface must be smooth, flat, dry, clean and solid. Carpet staples or adhesive residue must be removed to ensure proper installation. Subfloors should be flat within a tolerance of 1/8" (3 mm) over a span of 4 feet (1,22 m). Any unevenness over 1/8" (3mm) must be sanded down or filled with a floor leveler. Voids or humps in the subfloor will prevent vinyl from locking properly. Subfloors must be carefully checked for moisture problems.
- 4.2 SPC FLOORING is waterproof. It is NOT a water-proofer; any moisture problems need to be addressed prior to installation. Concrete subfloors must be fully cured for a minimum of 60 days and tested for moisture. Concrete moisture vapor emissions should not exceed Bibs (ASTM F1869) or 90%RH (ASTM F2170) with a pH limit of 9. A minimum of 6 mil plastic is required between concrete and ground. Subfloor moisture prevention limits the potential growth of harmful bacteria and mold.
- 4.3 If laying SPC FLOORING over existing ceramic tile, it will be necessary to skim coat the grout lines with a floor leveler. If you install vinyl over an existing floor that has an embossing or grout line on it, you must skim coat with a floor leveler if the embossing or grout line is greater than 1/8" (3 mm).
- 4.4 All concrete slabs must be checked for moisture before installing material. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer. Master Floors SPC must never be installed where excessive moisture emissions may exist. In accordance with ASTM F1869 moisture emission from subfloor cannot exceed 8 lbs MVER (moisture vapor emission rate) per 1,000 sq. ft. per 24 hours as measured with the calcium chloride test or ASTM F 2170 In Situ Relative Humidity Test not to exceed 60%. Master Floors will not assume responsibility for floor covering failure due to hydrostatic pressure or excessive moisture vapor emission. New concrete slabs must be thoroughly dry (at least six weeks) and completely cured. Although the planks should not be susceptible to damage from moisture, excessive subfloor moisture can be a breeding ground for mold, mildew and fungus. All of which can contribute to an unhealthy indoor environment. The Limited Warranties do not cover issues arising from flooding, leaking plumbing or appliances, water entering through sliding glass doors, presence of mold, discoloration from mold or fungi or similar conditions.
- 4.5 WOOD SUBFLOORS:
Do not install SPC over wood subfloors which lay directly on concrete or over sleeper construction.
All standard wood and wood composition panels are suitable for the use under our (SPC) flooring providing that they are smooth, flat, structurally sound, and free of deflection. These panels include plywood, particle board, oriented strand board (OSB), flake board and wafer board.



MASTERFLOORS

Note: Do not install our SPC planks over existing wood plank or laminate flooring.

5. Installation

- 5.1 It is recommended installation should begin with a corner (right hand side) and proceed from the wall with the tongue facing out away from the wall. Allow a minimum gap of 1/8" (2-3 mm) for subfloor movement or product expansion, which should be covered by accessories. Please make sure you add a t-molding for any rooms greater than 25'ft.
- 5.2 When laying the first row in a straight line it is recommended to interlock the short ends by inserting the tongue into the grooves at an angle of about 15° - 20°. Install per sequential plank on the short end and be sure to line up evenly. It is of great significance for a wonderful installation.
- 5.3 Make sure the seams between the planks are tight. You will feel and hear the click when locking the planks together to create a tight seam. There should be no gap visible between planks. If your seam appears not to be tight, you should immediately pull apart the planks and reinstall. Slowly lift the top plank away from the bottom plank and simply reinstall, repeating step 2.
- 5.4 When installing SPC FLOORING, it is strongly suggested to stagger the rows so that the short edge seams are not in a straight uniform line. We advise the staggered rows.
- 5.5 It is recommended to start the second row with the plank in proportion. Measure and mark the plank, then using a straight edge and utility knife, score the plank and snap.
- 5.6 Interlock the plank tightly against the first row (long side) again at a 15° - 20° angle. For the next plank, interlock the short side first, leaving it slightly away from the long side and then slide into the long side.
- 5.7 Start the third row with the plank cut at appropriate length. Again the remaining piece can be used at the opposite end of the row, if the layout of the room permits.
- 5.8 Continue this pattern for the remainder of the rows to be installed. Always place the cut end of the first plank against the wall.
- 5.9 Fitting around irregular objects is not a problem. Simply make a pattern out of heavy paper to fit around pipes or irregular objects. Place the pattern upon the plank and trace. Cut along trace lines using a utility knife or heavy-duty scissors, and lay plank. Be sure to leave room for expansion around all fixed objects, floor vents and doorframes.
- 5.10 The beauty of SPC FLOORING is the ease of installing the opposite way. You can install from both sides of the plank. This allows you to start in one room and continue through a doorway into another room with the same pattern and continue installing the floor forwards or backwards.

Notes:



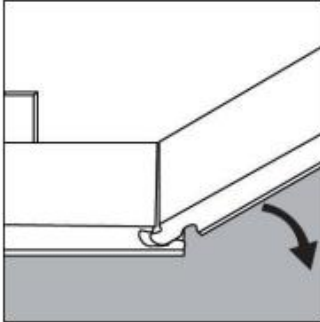
MASTERFLOORS

The following situations are beyond the warranty: Minor color, shape or texture variations between samples, printed color photography and the actual material.

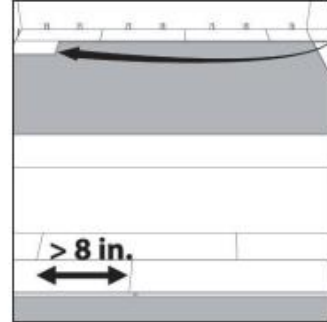
Please note every installation is different and these specifications for installation are only recommendations.



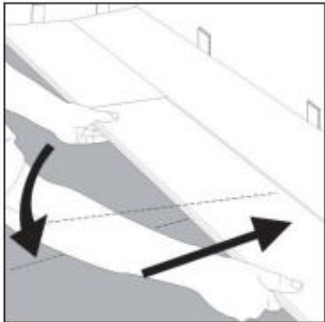
Step 1: Begin installation working from left to right. Insert spacers at ends and edges where planks meet wall.



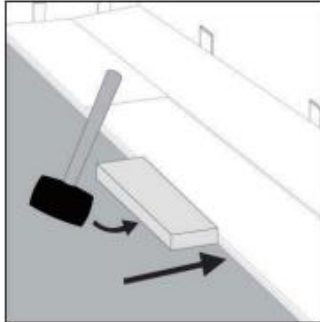
Step 2: Lock short end of plank by inserting tongue into groove at an angle and drop in place. Continue to end of first row.



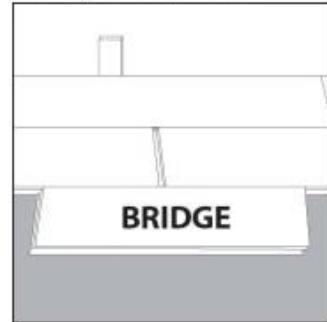
Step 3: Use leftover plank from first row as starter for second row working from left to right. There must be a least 8" between plank end joints on adjacent rows.



Step 4: 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 5: 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!

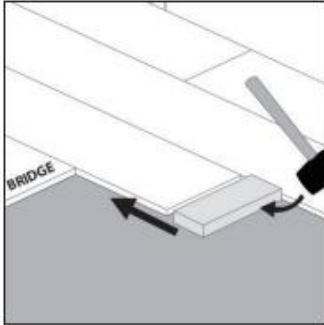


Step 6: Attach a scrap piece of floor to bridge gap between ends of planks.

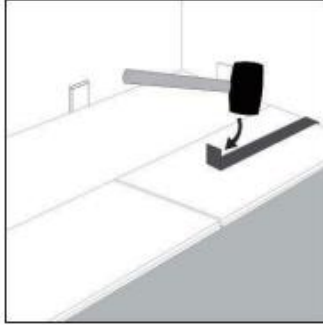
MASTERFLOORS



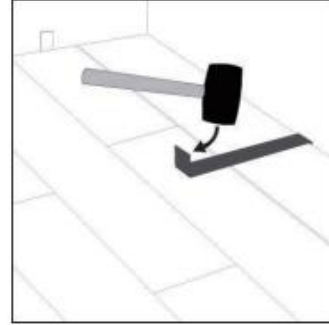
MASTERFLOORS



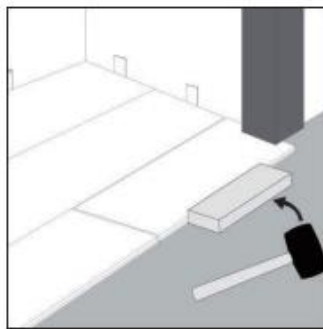
Step 7: Tap end of plank with rubber mallet and tapping block to lock ends of planks together. Remove bridge and continue towards wall until installing the final plank in the row. Be sure to tap on edge if vinyl so as not to damage locking profile.



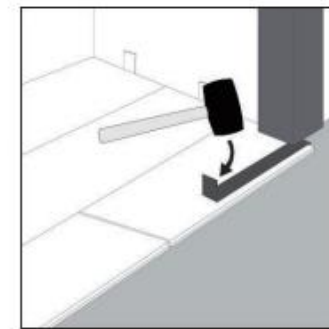
Step 8: Use rubber mallet and pull bar to lock final piece in row. Insert spacer at end of row. Continue installation to final row.



Step 9: Use rubber mallet and pull bar to lock long edges of planks on final row.



Step 1: Undercut space under door jamb to allow plank to slide freely. Tap long edge with rubber mallet and tapping block to lock long edge.



Step 2: Use rubber mallet and pull bar to lock short end of plank.

MASTERFLOORS



MASTERFLOORS

RECOMMENDED MASTER FLOORS MAINTENANCE GUIDE

1. It is our recommendation to first sweep and vacuum the floor surface to ensure removal of all loose dust, dirt, and debris. Using a mop (or, for large areas, a floor cleaning machine with a low abrasive pad), scrub the flooring surface. Using warm, clean water, rinse several times or as needed, then use a dry mop or wet vacuum to remove the water and allow drying.
2. Do not allow pets with unclipped nails to damage your SPC FLOORING. It may result in severe scratching to the surface.
3. Avoid exposure to direct sunlight for prolonged periods of time. During peak sunlight hours, use drapes or blinds to minimize the direct sunlight on the SPC FLOORING. Most types of flooring will be affected by continuous strong sunlight. In addition, excessive temperatures are not good for resilient floors. Some natural ventilation or intermittent air conditioning in vacant homes should be considered. Long-term continuous inside temperatures over 38°C combined with strong direct sunlight will damage your SPC FLOORING and cause the installation to fail.
4. Always sweep or vacuum your SPC FLOORING before cleaning so that all loose dirt and particles are removed. For best results don't use combination cleaner finish products.
5. **DO NOT WAX** your SPC FLOORING! The surface of your floor is very dense and non-porous, which prevents wax from penetrating and thus builds up which can cause yellowing and dirt collection. The same non-porous feature also provides all the protection against wear and staining that you will need. Your Vinyl floor has been designed to be very easy to maintain.
6. If your floor has been exposed to excessive amounts of water due to flooding, simply remove the water as quickly as possible. A dehumidifier should be promptly turned on in the room to reduce the moisture levels back to normal. Do not dry the room below the normal moisture level that existed previously.
7. When moving appliances or heavy furniture it is always suggested to use plywood panel on your floor and "walk" the item across it. We also recommend using floor protectors under furniture and placing a walk-off mat at outside entrances to reduce the amount of dirt being brought into your home.



MASTERFLOORS

MASTER FLOORS FLOOR WARRANTY GUIDE

We recommend that all their floor coverings are professionally installed for a valid warranty.

Master Floors warrants all products to be free from defects in material and workmanship, under normal use and service, for a specified length of time from the date of purchase as set forth below. This Limited Warranty only applies provided the flooring covered by this warranty is installed and maintained according to MASTER FLOORS Installation & Maintenance Manual.

Warranty Coverage	5.2mm SPC/6.0mm SPC 20 mil Ware-layer		6.5mm/8mm SPC 20 mil Ware-layer	
	Residential	Commercial	Residential	Commercial
Manufacturing Defect	25 Years	15 Years	50 Years	25 Years
Wear, Fade or Stain*	25 Years	15 Years	50 Years	25 Years

***DEFINITIONS / To Be Covered:**

"Wear" must be through the wear layer to the degree that the printed pattern is affected or altered.

"Fade" must be to the degree that the floor is permanently discolored.

"Stain" must be from normal household cleaning agents, chemicals or routine care & maintenance.

Warranty Owner

This warranty extends only to the original end-user. Master Floors warranties are non-transferable. No installer, retailer, distributor or agent, or employee of Master Floors may alter the obligations or limitations of any Master Floors warranty.

Master Floors Warranty Limitations



MASTERFLOORS

Please take notice that none of the following kinds of problems are problems arising from defects in material or workmanship, and are therefore not covered by this Product Warranty:

- a) Defects arising from poor installation (this includes - damage arising from sub-floor irregularities, for example excessive unevenness, loose nails or other protrusions; visual surface defects caused by previous floor coverings that should have been removed or covered, for example ceramic or bit mastic tiles, floor-boards, cushioned SPC, or by failure in the underlayment; seams 'peaking' or opening due to use of incorrect adhesive or seaming method; edge-to-edge shade variation; discoloration arising from installation next to a source of excessive heat); and visible trowel marks.
- b) Dissatisfaction due to improper maintenance.
- c) Problems arising from excessive moisture, alkali or hydrostatic pressure in substrate.
- d) Problems arising from cuts, tears, gouges, burns or other damage caused by stiletto or sharp high heels (these will damage even concrete!), sharp or hot objects dropped on the floor, dragged appliances, unprotected furniture feet, damage from pets etc.
- e) Damage caused by chemically reactive material, carpet crocking, dye, mold, stains, spillage, burns, gouges, scratches, indentations, floods, accidents, abuse or any harsh scouring pads while buffing.
- f) Small differences in color and or texture between the actual material or photographic images of the material and the actual flooring purchased.
- g) Construction or installation-related damage.
- h) Surface scratches, changes in shading, texture and/or gloss during use.
- i) Damage caused by inappropriate end-user activities.
- j) Installation of products with adhesives other than those recommended by Master Floors (Master Floors recommend high quality adhesives in heavy traffic area)
- k) Products may have slight color variations not detected at the factory. All products must be dry laid and examined under standard lighting conditions for color acceptance before being installed.
- l) Damage resulting from moisture problems. Moisture emissions from concrete can result in high pH and alkaline conditions that can distort the product. Our SPC flooring is waterproof and reliably secures the flooring panels on all four sides. However,



MASTERFLOORS

moisture in the subfloor could cause mold, mildew, and other moisture related issues such as moisture emissions under the flooring, which may contribute to an unhealthy indoor environment. It is up to the flooring contractor to determine if a subfloor is not cured. Should the subfloor not be cured, a moisture barrier/mitigator like 6 mil poly sheeting plastic should be used for a successful installation and to prevent the material from being damaged by moisture from the subfloor.

- m) Damage caused by exposure to extreme heat or sunlight
- n) Damage caused by fire, flood, storm, smoke, intentional abuse, etc.

The preceding list is not exhaustive, but is merely illustrative, of the many kinds of problems that are not due to defects in material or workmanship in the products, and are

not within the coverage of this warranty. Other such problems not described on the list above are also outside the scope of this warranty.

This Limited Warranty is in lieu of any other warranties, expressed or implied. Please keep your receipt or obtain it from the original purchaser. Master Floors requires the receipt to verify date of purchase to help resolve any problems.