



Installation and Maintenance Guidelines for the SMARTFLOOR Vinyl Click Flooring - Angle to angle C4030/C5055/S5403/PS5403/PS6555

Thank you for choosing our product and for trusting our company. Smartfloor Vinyl Click Flooring is rated only for indoor use. Please read all instruction before your installation. By starting installation of this product, you are agreeing that you have read and understand all requirements and are aware that non-compliance of this present guide may result in voiding the product warranty.

► TOOLS

Utility knife, wall spacers, pencil, tape measure, ruler, rubber mallet, square and safety glasses; Saw in case of installing rigid vinyl products (S5403/PS5403/PS6555).

► ACCLIMATIZATION OF THE MATERIAL BEFORE INSTALLATION

Please remove the products from their packaging at least 48 hours before installation and leave them in the room where the installation is to take place. Planks may be stacked but must **be rested flat**. The room temperature should be maintained between 15°C and 27°C.

1 It is possible to install these floors on a heated floor. The temperature of the underfloor heating should never exceed 27°C. Turn off the heating system at least 48 hours before installation.

► PREPARATION OF SUB-FLOORS

Smartfloor products must be installed on a sub-floor that meets the installation requirements. Please ensure that all sub-floor is solid, smooth, flat, clean, dry and dust free before installation. It is the sole responsibility of the installer/owner, prior to installation, to ensure that the intended installation area is suitable. We cannot be held responsible for damage to the flooring due to inadequate sub-floor.

Smartfloor Vinyl Click Flooring can be installed on lightly textured or porous surfaces ; clean and well concrete ; wood floors with plywood.

This product is not suitable for rooms that could be flooded or rooms with wet concrete or saunas.

Vinyl flooring is not recommended for installation under large windows where the floor is exposed to direct, intense sunlight, such as tents in the sun or sunrooms. When flooring is exposed to sunlight (presence of a window, skylight), masking protection is required to prevent significant discoloration and potential expansion. If the above provisions do not apply, the cladding must be bonded with a two-component PU adhesive for extreme conditions (reference available from your dealer).

Products must be installed only on sub-floors with a moisture level below 75% when tested with a hygrometer or according to your country's standard. If hygrometer readings are above 75% RH it is necessary to install a surface damp proof membrane.

GOOD CONDITIONS FOR THE INSTALLATION

Please make sure that your sub-floors meets the good conditions for the installation:

- **Concrete/Chape:** Flatness < 5 mm with ruler of 2 m and < 1 mm with rule of 20 cm. New concrete slabs must be dry and cured for at least 6 weeks prior to installation.
- **Cement Tiles/Mosaics/Terrazzo/Ceramics:** Seal tiles that do not adhere; Different in height < 2 mm; Depth of joints depth < 2 mm; Opening of joints < 4 mm
- **Wooden planks:** These must be stable and not very flexible. All planks must be securely fixed. Different in height < 1 mm; Opening of joints < 2 mm ; If not, sand and apply a suitable primer and fiberglass patching.
- **Linoleum/plastic/cork flooring:** Ensure that the flooring is adhered. Flatness < 5 mm under the 2 m ruler and < 1 mm under the 20 cm ruler; Different in height < 1 mm; Opening of joints < 2 mm.
- **Old floor covering made of soft PVC, rubber, carpets, textiles:** Remove the covering; Scrape off if adhesive is present.
- **For C4030/C5055 (products without integrated underlay):** An underlay is not required for installation but could be used if additional sound insulation is needed. If an underlayment is used, its thickness must be less than 2 mm.

► BEFORE INSTALLATION

► The ambient temperature should be maintained between 15°C and 27°C.

2 ► Check that the batch number, reference number and color are identical on all packages. We recommend installing products with the same batch number in the same area.

► Make sure you have purchased enough material to complete the job. For some high-contrast designs, you may need to use a little more material than usual to get a satisfactory result.

► Check carefully that the products are free from defects. Exclude products that have any damage or visual defect. In case of recurring defects, **do not install defective products**. Contact your dealer for information on solutions and procedures.

► Remove all traces of glue or residue from previous flooring.

► Mix planks from several boxes to avoid color deviation and to achieve a natural visual effect. Especially when you have chosen a design with a strong color contrast.

3 *The "blended" effect: It is highly recommended to sort through at least 25% of your flooring material by categorizing each visual variation into its own pile to ensure a successful "blend" of the flooring. Failure to do this crucial step may result in an unsatisfactory installation as certain areas may contain more of one image variation than another.*

4 ► Determine the direction you want the flooring to run. Typically, the length of flooring will run with the length of the room or the length of the floor plan.

► The starting axis of the first row of the planks is parallel to the length of the room to be covered and / or to the wall of the main window by dividing the width of the room into two identical parts.

► Planning ahead in order to avoid narrow planks widths or short plank lengths near walls and doors. The width of the first and last row should be greater than 5 cm. Otherwise, the start axis will be shifted to avoid a narrow row of planks along a wall or door.

5a 5b ► The installation will be done with staggered joints with repetition or with staggered lost joints. The most common installation methods are: 1/3 step for wood plank and 1/2 step installation for rectangle tile.

Prevent expansion: All structures move and shift, so we recommend having an expansion gap of all walls. planks should be placed 8-10 mm from the wall. For areas larger than 100 m² and with a dimension greater than 10 m, make a joint of 8 mm in the middle of the room with the addition of a suitable profile.

► INSTALLATION

6 *Angle to angle Click: The product has an angled locking system, which is known for its excellent stability. It is recommended that the boards should be clicked together at an angle of approximately 30 degrees.*

FIRST ROW

► Place a spacer with predicted thickness to the left and position the first plank against the wall.

► Interlock the short end of the next plank at an angle (approximately 30 degrees) to the first one, and then fold down.

► Continue installing the first row in the same way.

7 8 9 ► At the end of the first row, put a spacer to the wall and measure the length of the last plank to fit.

SECOND ROW

10 ► You can start the second row with the piece cut from the previous row. Make sure that the min length of this first panel of the second row > 400 mm. Staggered joint distance between short ends of panels in parallel rows shall not be less than the given length (400 mm).

► *First plank of the second row:* Put a spacer against the left wall. Place the plank and angle against the plank in the previous row, press forward and fold down at the same time. Leave the plank in a somewhat up angled position when the planks start to lock (*approximately 30 degrees*).

11 12 13 ► *Second plank, second row:* Place the short end of the plank at an angle against the previous installed plank and fold down all the way. Push to slide the plank against the row in front so it aligns with the first plank. Put it down like the first plank positioned tightly together. The first/previous plank can now be folded completely down to horizontal position.

14 Continue installing the remaining planks in this manner.

CUT THE PANELS

15 16 ► To install the last planks at the end of each row, a cut is required. The cut edge must always face the wall.

17 18 ► To fit air vents, door frames, etc., make a cardboard pattern as a guide and use this to draw an outline on the plank. Cut to shape and check that it fits. It should fit snugly and should not be forced into place.

DISASSEMBLING PANELS

► Separate the whole row by carefully lifting up and release the whole row. Fold up the row and release the whole long side.

19 20 ► Disassemble the panels by angling the short sides up vertically.

NOTE

It is quicker to join the new row from the short side along the entire length before fully interlocking it to the previous row on the long sides.

To make the work further easier, a wedge with the suitable angle can be placed under the plank near the short side joint as support.

Do not hit the locking part with any heavy object to snap the boards into each other.the interlocking system should never be forced into place.

► END OF INSTALLATION

Once the flooring is installed, the spacers can be removed. If desired, install a wood or PVC skirting board. For the bathrooms (sanitary), the periphery is treated with a suitable sealing product (sanitary silicone type).

Circulation and furniture placement can be carried out immediately after installation.

When installing on underfloor heating, the heating must be restored gradually (by step of 5°C) during at least 7 days after installation.

► MAINTENANCE

► Clean regularly to remove dirt or grit that may cause fine scratches.

► Use a damp cloth or mop to clean dirt and footprints. Avoid using too much water. All spills should be cleaned up immediately.

► For a thorough cleaning, a range of cleaning products is available (Clean, Remove and Refresh). Avoid using ordinary household cleaners and bleach-based detergents. This may cause the floor to become slippery or discolored.

21 ► Never use wax, varnish, abrasive cleaners, or abrasive agents, as they may dull or distort the surface appearance.

► Use protective pads under furniture. Do not use rubber or metal pads. Felt pads are highly recommended. Special attention should also be paid to high heels, which can damage the flooring.

► Use doormats as entrance ways to protect the floor. Avoid using rubber backed rugs as they may stain or discolor the flooring.

► Avoid exposure to direct sunlight for prolonged periods of time. Windows and Glass doors need to be covered to minimize direct sunlight during peak sunlight hours.

► It is recommended to save a couple of boxes of flooring in case of accidental damage. Planks can be repaired or replaced.

► WARRANTY

► We guarantee our products against any manufacturing defects from the date of purchase. For any complaint, please contact the store where the purchase took place, provided with the corresponding receipt.

PRECAUTIONS

Do not install this product on sub-floors soiled with dirt, dust, powder, solvent, paint, wax, grease, and oil.

Never install very heavy pieces of furniture such as kitchen islands/cabinets on top of the flooring

We do not recommend removing old resilient flooring that may contain asbestos fibers or crystalline silica. This can be harmful to your health.

If you want to install this product on a heated floor, please consult the manufacturer of your radiant heating system to make sure it is compatible with vinyl flooring.

