



ENVIRO  
BUILD

# Sisû

## Click LVT

Luxury Vinyl Tiles: Installation Guide

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# Sisu LVT Installation: Must Read

## ✓ Always leave expansion gaps

- Min. 10 mm gap must be left at the perimeter of the room and around objects/pipes/etc. to allow for thermal expansion.
- Not leaving an expansion gap will result in tiles warping and invalidate the warranty.



## ✓ Take into account any underfloor heating

- Ensure when using underfloor heating not to exceed the maximum operating temperature.
- The underfloor heating system should be turned off 24 hours prior to installation and should remain off until at least 24 hours after your laminate has been completely installed.
- Gradually increase the temperature of your underfloor heating by 3-5°C a day for smooth acclimatisation.
- We then suggest keeping your underfloor heating at no more than 30°C maximum to avoid ranging temperatures, which may unsettle the flooring.
- Do not use furnishings over LVT with underfloor heating that may create hot-spots or thermal blocks, such as rubberbacked rugs or other items which do not allow heat to circulate freely.

## ✓ Remember to acclimatise the flooring

- Once delivered, Sisu LVT needs to be laid flat at room temperature (18-23°C) and left for 48 hours to acclimatise.
- The temperature must also be maintained for at least 24 hours after the installation is completed.

## ✓ Always use a level, dry floor surface

- Your subfloor must be solid, level, clean and dry, any unevenness can cause non-flush surfaces and board edge damage.

## ✗ Do not exceed the maximum operating temperature

- Sisu LVT products have a maximum operating temperature of 27°C.
- Avoid installing in areas that might naturally exceed this limit due to long exposure to direct sunlight such as in conservatories.
- If temperatures exceed this the boards may buckle and will invalidate the warranty.



## Acclimatisation

Before installing your LVT it's important to ensure it has been acclimatised to the conditions of the installation room. Leave your boxed Sisu packs in the room for 48 hours, laid flat and under the typical heating conditions of the room (ideally 15-20°C). The temperature must also be maintained for at least 24 hours after installing to reduce any movement due to heat expansion.

## Subfloors

Before fitting Sisu, your subfloor must be solid, smooth, level, clean, dry and dust-free. Remove all furniture from the room and then brush and vacuum the floor. Time should be spent ensuring the subfloor is completely level as any bumps or nails will prevent the tiles from lying perfectly flat. Bumps and dips can be more easily located with the aid of a long straight edge, such as a spirit level. Place the straight edge in various areas of the room, any inconsistencies of over 2mm across a 1 metre run should be leveled using a floor leveling compound.

- **Concrete / Screeds**

Ensure all cracks and joints are filled, the floor must be completely level. If you are laying onto new concrete, make sure it's fully dried, which can take up to 2-4 months.

- **Tiles / Mosaics / Ceramics**

Use a screed filler or smoothing compound to fill and level the grout lines.

- **Timber**

The subfloor needs to be solid. Nail down any loose boards and fill any gaps.

- **Linoleum / Vinyl**

Check the subfloor is solid and make sure to fix loose tiles.

- **Metal / Painted Floors**

Remove any loose paint or finishes for a solid, smooth subfloor.

## Underlay

An underlay is not necessary if the subfloor is suitably flat, however we recommend using one in order to reduce subfloor preparation time, as well as giving the floor a greater level of sound and thermal insulation. Install the underlay gradually by laying across the breadth of the room, adding more as you install further rows of LVT.

## Underfloor Heating

Leave a 10-15mm border around the entire floor area to allow for expansion. Room temperature must be consistent with normal living conditions (approx. 20-25°C and 30-50% humidity levels) throughout installation. The underfloor heating should be turned off 24 hours prior to installation and should remain off until at least 24 hours after. We advise gradually increase the temperature of your underfloor heating to allow the flooring to adjust. Temperatures should never exceed 30°C.

# Required Tools

- Utility knife
- Carpenters square
- 5 mm wall spacers
- Tape measure
- Rubber mallet
- Pull bar

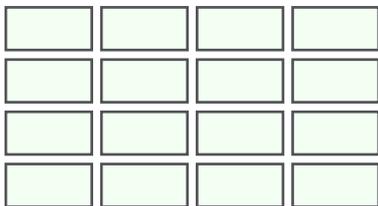
You may also need:

- Tapping block (*for laying tiles*)
- Power drill and drill bit (*for pipes*)
- Wood glue (*for pipes*)
- Hand saw (*for door frames*)
- Pencil

# Plan Your Layout

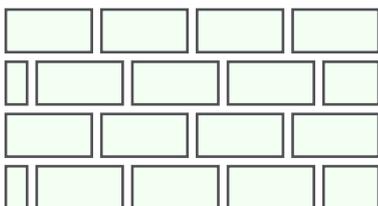
- **Grid**

An arrangement in which all joints are continuously aligned.



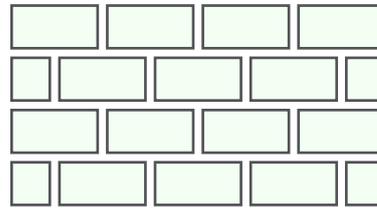
- **Staggered**

Have your tiles offset by some amount. You can start the second row with the leftover piece from the first row to achieve this.



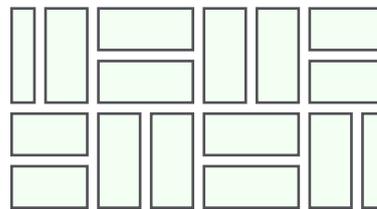
- **Offset**

To achieve this layout, measure half the width of the tiles and offset the next row by that amount.



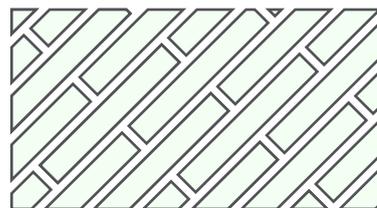
- **Weave**

This weave pattern can be achieved with tiles of particular sizes and is highly adaptable when mixing and matching colours.



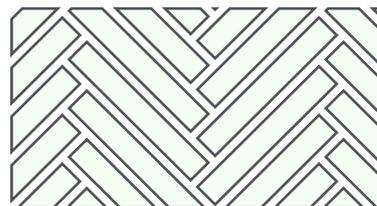
- **Diagonal**

The same as 'offset' but rotated 45°.



- **Herringbone**

A sophisticated pattern consisting of alternating diagonal tiles.



# Installation

Sisu Click should be installed with a 5 mm expansion gap at the perimeter of the room and around objects and pipes. It's recommended to lay Sisu Click from left to right as it is much easier to install tongue into groove than vice-versa. Check each tile sufficiently before and during installation. Do not use tiles with visible defects.

1. Determine the direction you want the flooring to run. Typically the length of luxury vinyl flooring will run with the length of the room or floor plan.
2. Lay the first tile with the tongue side facing the wall. Place 5 mm spacers between the tile and the wall to create an expansion gap (fig. 1).
3. Continue to lay the first row along the length of the wall, clicking together the short edges (fig. 2). Use as many full tiles as possible. A hand roller can be used along the seams to aid installation.
4. The last tile in the row will most likely have to be cut to size. To cut: measure the remaining gap between the last full tile and the wall. Mark the same length on a tile and draw a straight line. Cut along the line with a utility knife (or LVT cutting tool), with the tile pattern side up (fig. 3). Now break the tile with your hands (fig. 4). Make sure to leave a 5 mm expansion gap between the last board and the wall.
5. Begin laying the second row. Click the tongue into the groove by holding the board at around a 30° angle and pushing forward (fig. 5). Then lower the board until it lays flat against the ground. A tapping block and mallet can be used to install the tiles neatly into place (fig. 6)

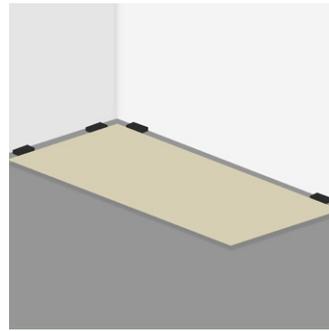


Fig. 1

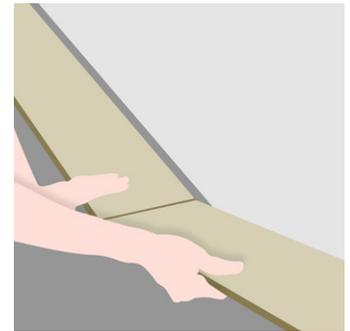


Fig. 2

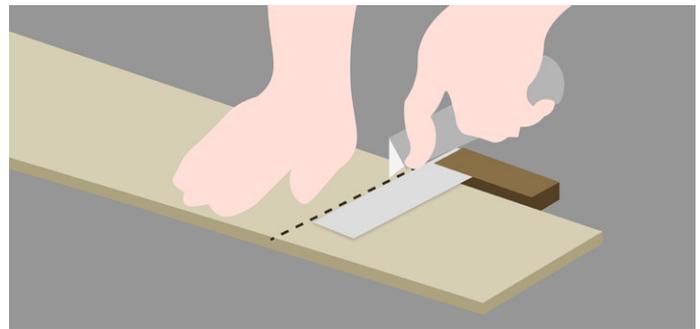


Fig. 3

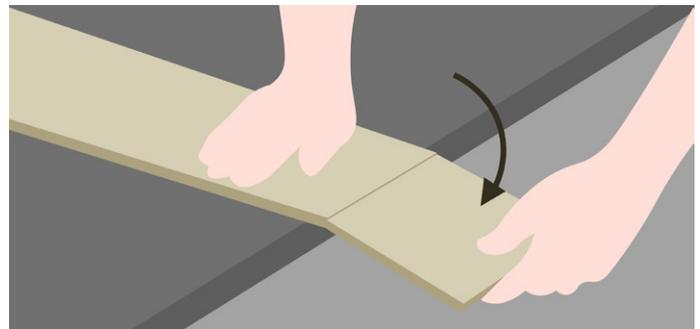


Fig. 4

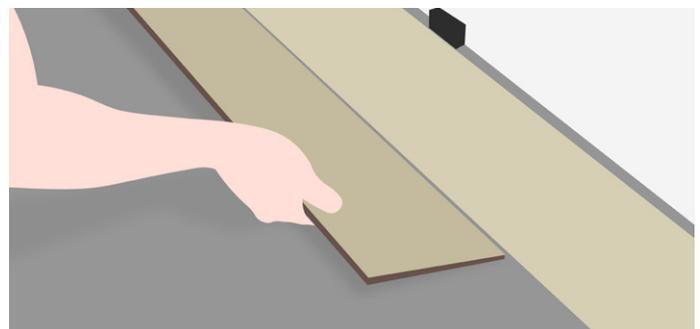


Fig. 5



6. Move along the row, fitting the next tile by clicking tongue into groove along the short edge. Angle the tile and push along the long edge into the click system. A rubber mallet and either an offcut or tapping block can be used to tap the tiles into place.

Tip: A pull bar can be used to pull the tiles inward at the edges of the room by tapping inward with a rubber mallet (fig. 7). This can help to keep the tiles positioned tightly.

7. Repeat steps 5-6 until complete, trimming the last row of tiles to leave a 5 mm expansion gap at the edge of the room.
8. Remove spacer tabs.



Fig. 6

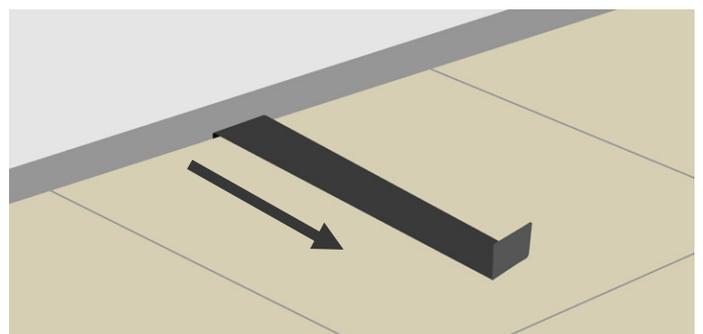


Fig. 7

# Finishing Touches

- **Pipes**

Lay the tile next to the pipe. Measure and mark on the tile where the pipe will sit once installed (taking into account the expansion gap at the wall). Using a drill bit at least 2 mm wider than the diameter of the pipe, drill through the marked area. Draw two angled lines from the hole to the edge of the tile and cut this section out. Lay the tile, fitting the pipe into the hole that has been drilled. Resinsert the cut shape behind the pipe (vinyl double-sided tape or wood glue can be used). The same steps can be followed for multiple pipes or other obstacles (fig. 7). A circular pipe cover can be used to hide the expansion gap around the pipe.

- **Doors**

To install Sisu Click around a door frame, the frame may need to be trimmed in order to fit the tile beneath it. A handsaw can be used, with an offcut as a guide for cutting at the correct height (fig. 8). A tile should now be able to fit neatly beneath the frame. When installing close to doors, ensure that there is at least a 10 mm space between the tile surface and the bottom of the door.

- **Adjacent Floor Types**

To join Sisu Click with other flooring types, lay the tiles up to the doorway, leaving a 5 mm expansion gap between the LVT and the other floor covering. Once installed, a profile strip can be installed to cover the gap (fig. 9). Never fix a profile or threshold directly to Sisu Click tiles as they need to be able to expand under heat. Instead, fix to the exposed subfloor in the expansion gap, leaving a small amount of space between the profile and the tile for heat expansion. If Sisu is being used across multiple rooms, lay the tiles up to the doorframe on both sides, leaving a 10 mm expansion gap.

- **Uneven Walls and Contours**

Lay a thin section of Sisu on top of the last full tile, pushing it against the wall. Using this and a pencil, move along the contour of the wall, drawing the curve onto the tile nearest the wall (fig. 10). Once the curve has been drawn, cut along the line with a utility knife and break it off. This piece should now fit into the curve. Allow a 5 mm expansion gap.

- **Skirting Boards**

When fitting a skirting board, don't fix directly to the tiles. Leave a gap between the skirting and the tile to allow for natural movement during heat expansion.

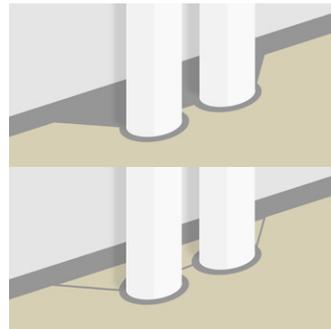


Fig. 7

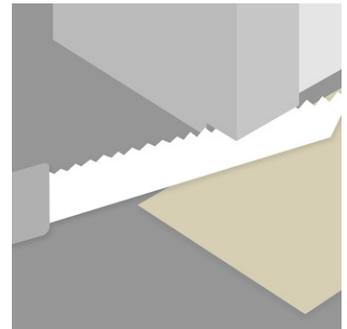


Fig. 8

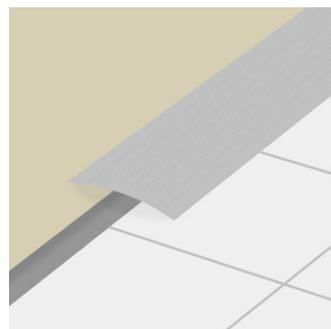


Fig. 9

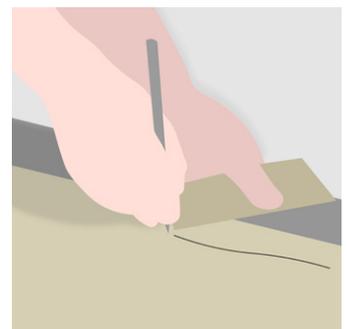


Fig. 10

# Maintenance

Sisu Click is a durable material and its protective wear layer will keep it looking great for years to come. It is recommended to never let the temperature of the room drop below 12°C.

- **Regular Cleaning**

Regular cleaning by sweeping or vacuuming is recommended to remove loose dirt and grit which can damage your flooring. Avoid vacuums with beater bars as they may visibly damage Sisu. Steam cleaning should be avoided as it can disrupt the LVT and cause damage. Sisu Click requires no treatment or waxing.

1. Sweep the floor with a soft brush to remove dust and loose dirt.
2. Mop the floor with a pH neutral cleaner. Abrasive chemicals containing bleach should be avoided.
3. Allow to dry before walking on.

- **Spills**

Spills should be wiped to prevent staining. Never use highly abrasive scrubbing tools. If staining occurs, treat as soon as possible by spot-cleaning with a nylon cloth and a neutral detergent, before rinsing the wipe and cleaning the spot with water. White cloths are recommended in order to avoid colour bleed. Do not allow standing water on Sisu Click and aim to clean spillages within 30 minutes.

- **Stains**

When cleaning Sisu Click it is recommended to use substances that are as mild as possible, however more stubborn stains may require a more robust solution. It is recommended to test any

chemicals in an inconspicuous area first. Apply a mixture of one part dishwashing liquid to 10 parts water, rubbing with a sponge and then allowing to dry thoroughly. Mix a tablespoon of ammonia with a litre of warm water. Pour a small amount of the solution onto the spot and leave to sit for 10 minutes, before gently agitating with a soft-bristled brush. Rinse the area well with water and allow to dry. If the stain remains, begin to increase the ratio of ammonia to water, repeating the process.

- **Scuffs**

Shoe and furniture scuffs will resist most cleaning solutions. To remove from the product, soak a soft cloth in denatured alcohol or lighter fluid. Rub the cloth firmly onto the scuff mark, then rinse the area clean with water and allow to dry.

- **Furniture**

Felt pads can be used to prevent the scraping of furniture legs, while castor cups can be used to prevent indentation from heavy furniture. Do not drag furniture across the floor when moving, lift objects and move them to prevent marking the floor. Very heavy objects such as fridges can be laid on a panel and “walked” across it to move.

- **Entrance Mats**

A suitable entrance mat is recommended to capture dirt and grit that would otherwise be tracked inside, potentially scratching the floor. Avoid mats with a rubber backing as they can cause staining or marking.

# Replacing Tiles

In the case of severe damage, you may wish to replace a tile. Replacing and repairing Sisu Click is easy to do without any professional help.

1. A utility knife should be used to score triangles at opposite ends of the tile (fig. 11).
2. Connect the triangles by scoring directly down the middle of the tile (fig. 12).
3. A screwdriver can be used to pry open the tile (fig. 13) from the middle and allow the four cut pieces to be removed.
4. Take the replacement board facing pattern-side up and use a utility knife to carefully cut and remove the tongue and groove click system (fig. 14). Ensure the click system is flush with the tile edge.

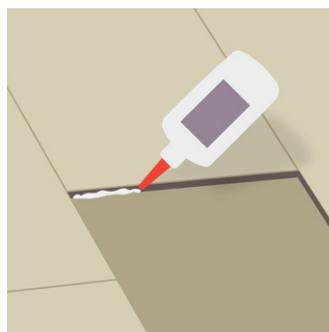


Fig. 15

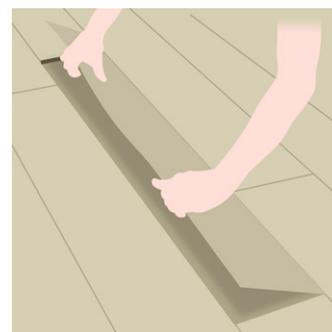


Fig. 16



Fig. 17

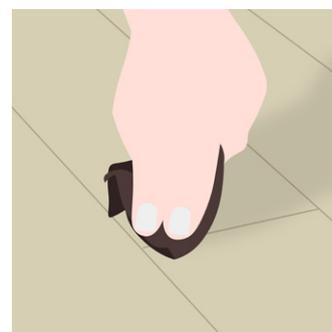


Fig. 18

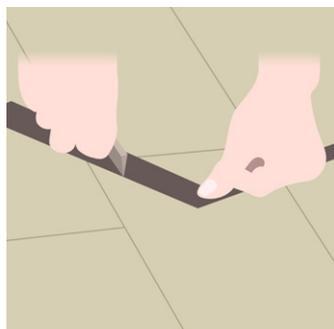


Fig. 11

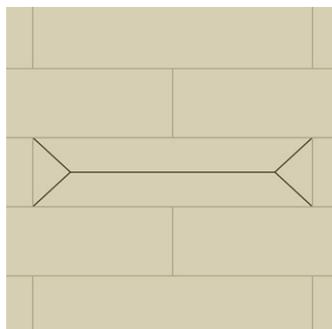


Fig. 12

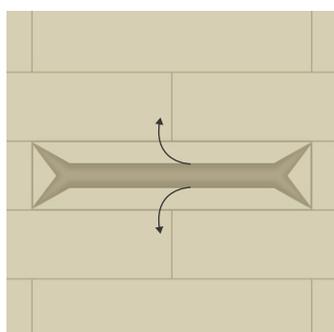


Fig. 13

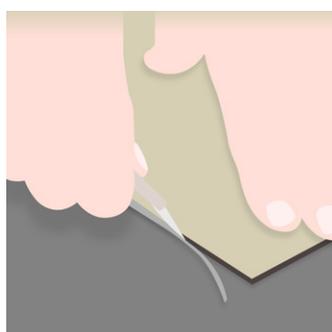


Fig. 14

5. A cyanoacrylate adhesive can be applied to the tongue and groove sections (fig. 15) exposed from the removed damaged tile (acrylic double faced tape can also be used, sliding under the existing tiles sticky side up).
6. Install the replacement tile at a 30 degree angle, pushing the length of the board under the tongue of the floor (fig. 16).
7. Push the tile down firmly into place and then use either a rubber mallet or a hand roller to press the tile flush with the floor (fig. 17).
8. Excess adhesive should be removed with either a damp cloth followed by a dry cloth, or with a cloth containing a small amount of acetone (fig. 18).

# FAQs

- **Is Sisu Click phthalate free?**

Sisu Click is phthalate free and with Class E1 formaldehyde emissions.

- **How easily does Sisu Click scratch?**

Sisu Click is durable and resistant to scratching, though some precautions should be made to keep your product looking fresher for longer. LVT is more scratch resistant than hardwood.

- **Is it possible to remove a scratch?**

In many cases, yes. Scratches can be made almost invisible to the eye after using an LVT scratch repair or concealer. The physical indentation will remain, however the visible white scratch can be removed.

- **Is Sisu Click waterproof?**

LVT is an incredibly water resistant material and if installed properly water cannot seep through its edges. Sisu Click is suitable for all rooms of the house, including kitchens and bathrooms.

- **Are there any rooms in which I shouldn't install Sisu?**

Rooms with constant contact with water, such as beside a pool should be avoided.

- **Can I use rugs and mats on Sisu?**

Yes, but only if labelled "colourfast" by the manufacturer. Use non-staining backed mats. Avoid rubber as it marks LVT.





- **Does Sisu Click need any particular waxing or treating?**

No special treatment is required. Sisu Click is incredibly low maintenance and is ready to go once installed.

- **Will office chair wheels damage Sisu?**

Some precautions should be taken with office chair wheels to avoid wear. Don't use office chairs with rubber wheels as rubber can leave marks on LVT. A modified transparent office chair mat can be placed beneath the chair for protection.

- **Can I steam clean Sisu Click?**

Steam cleaning Sisu is unadvised as it can make the LVT unstable. Learn more about how to clean Sisu Click in the maintenance section (page 9).

- **Can Sisu Click be used with underfloor heating?**

Sisu Click is perfectly suitable for use with underfloor heating, provided the surface temperature does not exceed 30°C. Read more on page 4.

- **How long after laying can Sisu Click be used?**

Click flooring is ready once installed.

- **How many layers are there and what do they do?**

There are six layers in a Sisu Click tile: a UV protective top layer, for preventing damage from direct sunlight; a wear layer for durability; a layer for the print pattern; a middle layer to support the print; a glass fiber layer for heat and sound insulation, along with making the tile softer; and finally a solid vinyl base layer which prevents curling and keeps the tile flat.



# Sisū

Click LVT



Beauty



Balance



Design