

Atrium Luxury Vinyl Tile

1. Preparation & Acclimatisation

Proper preparation is critical to the performance and longevity of the Superstrata system. The subfloor must be structurally sound, clean, dry, and flat. Remove all dust, debris, and moisture from the site.

- Ensure concrete subfloors are fully cured and moisture levels are within acceptable limits.
- Ensure floor deviations do not exceed 3mm over 1m and 2mm over a 20cm length.
- Keep product in the box during acclimatisation (24 hours at 15–25°C).

2. Required Tools

- Utility knife, or alternatively a saw or guillotine
- Pencil
- Carpenter's square
- Measuring tape
- Spacers

Before you begin:

- The Atrium plank/tile system is a floating floor and must be able to move freely. Do not screw or glue the planks/tiles to the subfloor.
- Avoid installing fixed structures (e.g. kitchen cabinets) on top of the floating floor.
- Leave an 8mm expansion gap around walls and other fixed structures to allow the flooring to expand and contract.
- The flooring must be able to move around fixed structures to prevent gaps or expansion at the locks. Install any fixed structures first, followed by the flooring around the objects, or install the flooring first then install the fixed objects. Mark the floor where objects will be placed and create holes for any fixed structures or furniture legs. Create an expansion joint around the perimeter of each object by sawing through the area underneath.
- Underfloor heating: Atrium is compatible with underfloor heating provided the surface temperature does not exceed 27°C. With electrical underfloor heating, do not exceed 90 W/m².

3. Installation Method

1. It is recommended to install the floor parallel to the incoming light (short side facing the light).
2. Measure the length of the room from the point where installation is planned to start to the wall where it will end. Divide this by the width of a plank or tile. The purpose is to never end with a plank less than 5cm wide. If required, modify the width of the first row (cut the plank/tile so installation does not start with a full-width plank, but the first row must be more than 5cm wide).
3. End joints should be staggered by at least 1/3 of the length of the plank/tile. The first and last plank/tile in each row should be at least 10cm.
4. Start in the top left corner, placing the plank/tile with the locking profiles facing the room, and install towards the right. Ensure a tight connection on the short side between planks/tiles.
5. Continue installing the remaining planks/tiles in the same row. Leave an 8mm gap between the plank/tile and the wall (use spacers).
6. The 8mm expansion gap on the long side can be adjusted after two rows have been installed.
7. To finish the row, place the final plank/tile face down (locking profiles facing the room) with the short side positioned 8mm from the wall. Mark where the plank/tile needs to be cut. Place it face up and cut using a sharp utility knife and a square: score the surface, then snap along the score line. Turn the cut piece around and connect it to the short side of the previous plank/tile.
8. Position the remaining part of the last plank/tile of the first row as the first plank/tile in the second row. The minimum distance between short ends in parallel rows must not be less than 1/3 of the plank/tile length.
9. Place the plank/tile at an angle against the plank/tile in the previous row, press forward and fold down at the same time.

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3. Installation Method (continued)

10. Install the second row. Position the long side with the tongue side fully engaged into the receiver of the first row. Lower the plank/tile with firm pressure, ensuring the end joint is overlapping and perfectly aligned; push the end joint downwards until it snaps into place.
11. Continue installing planks/tiles in the second row. Ensure the first two rows are straight and square, as they affect the entire installation.
12. Continue working from left to right, row by row. Maintain an 8mm space around all walls and vertical objects. Offset end joints a minimum of 30cm apart for a random appearance.
13. When cutting a plank/tile on the long side, you will also need to cut the clip on the short side. Ensure the remainder of the clip is back in position before installing the plank/tile.
14. To install the last row, position a plank/tile exactly on top of the previous row. Place another plank/tile upside down against the wall and mark the plank/tile underneath, adding an 8–10mm expansion gap. Cut to size and fit in place. Repeat for each plank/tile until the last row is complete.

4. Maintenance & Cleaning

Regular maintenance ensures the longevity and aesthetic appearance of your Superstrata floor.

- Initial cleaning: First remove all dirt and dust with a brush or vacuum cleaner, then clean with water and an appropriate neutral cleaning agent until the water stays clear.
- Regular cleaning: Vacuum or damp mop using a solution of warm water and mild detergent.
- Avoid: Never use bleach, solvents, acidic cleaners, or petroleum-based products. Do not use steam cleaners on LVT. Use felt pads under furniture legs and non-rubber-backed doormats. Some rubber products can cause mild discolouration over time.