



Luvanto Endure

Luxury Design Flooring

Fitting Instructions

Important things you must know before you start

- An appropriate expansion gap must be left around all perimeter walls to allow the natural movement of the floor when the room temperature changes. Please refer to the below table to determine the gap you need to leave for the room you are fitting the flooring in.

| Room area | Underfloor Heating? | Large windows and/or patio doors? | Expansion Gap |
|--|---|-----------------------------------|---------------|
| Up to 25m ² | No | No | 2mm minimum |
| Up to 25m ² | Yes | Yes | 3mm minimum |
| Between 25m ² and 100m ² | Yes | Yes | 5mm minimum |
| Small conservatory up to 25m ² | Yes | Yes | 5mm minimum |
| Large conservatory over 25m ² | This product is not recommended for use in large conservatories | | |

- For installations larger than 100m², please contact QA Flooring directly for advice on the individual installation.
- For a really neat finish around the perimeter of the room, use the colour-matched **Finishing Strip** to conceal the expansion gaps that you need to leave. It will also hide any rough cuts next to the skirting boards. Do not fill the expansion gaps with silicon or any type of filler.
- These fitting instructions must be followed exactly, to avoid invalidating the Warranty. The responsibility to determine the suitability of the flooring for the situation, and to fit the flooring carefully and professionally, lies only with the installer. If unsure, please consult a professional flooring fitter.

Tools needed:

- Vacuum cleaner
- Tape measure
- Pencil
- Set square and ruler
- Sharp utility knife
- Safety gloves

Before installation:

- Check subfloor is clean, dry and free of dust, grease and other contamination.
- Repair any significant imperfections, such as cracks and large lumps.
- Leave Luvanto Endure flooring in the room for 24 hours before installation to acclimatise, making sure all packs are lying flat on floor.
- Switch off underfloor heating at least 5 hours before laying flooring.
- Check all planks/tiles carefully for defects or differences in batch, colour or surface shine.

- Check tongue and groove of click joints are clean and undamaged.

Installation:

- Luvanto Endure flooring should be fitted directly to the subfloor – no underlay must be used.
- Choose a wall to start laying the floor. Don't assume it is straight - check distances to opposite wall at both ends of room, to work out best position to line up the floor.
- Lay first row, with tongue of the joint facing starting wall, working from left to right of the room. Leave an appropriate expansion gap, as per guidelines, between floor and wall along all edges (including row ends). Do not glue the flooring to the subfloor below in any area.
- Click end joints of planks/tiles together by sliding the tongue of next piece into the groove of previous piece at 45° angle and dropping it down flat to lock the joint. To remove a piece, lift it up to 45° angle again and slide joint apart.
- To cut a piece of Luvanto Endure, use a sharp knife to score top surface well. The piece will then snap along the score line. Use the knife to cut the underlay after snapping. Wear protective gloves when scoring to avoid cutting hands. Alternatively use the **QA Vinyl Tile Cutter**.
- Lay the next row of Luvanto Endure, working again from left to right, locking pieces together at each end and locking into previous row. Make sure each end joint in previous row is well overlapped with a piece in the next row. Start new row off with a different length piece to previous row (such as the off-cut from end of previous row) to ensure all joints are overlapped. Continue to lay rows until whole floor is laid.
- For detail cuts around door posts and objects like radiator pipes, carefully mark the shape of required cut-out onto the piece and use a fretsaw, or jigsaw with suitable plastic blade, to cut to shape.
- If last row needs to be cut narrower to fit the space, mark the required width onto the pieces of last row, as follows:
 1. Lay pieces for last row perfectly in line on top of second-to-last row (with groove towards wall), locking the ends together to form complete row.
 2. Place a spare piece on top of last row and butt this piece up to the wall (groove towards wall).
 3. Use opposite edge of this piece to draw a cutting line onto pieces for last row below.
 4. Mark cutting line all the way along the last row by sliding spare piece along wall. Make sure pieces for last row don't move while marking.
 5. Take away spare piece, unlock pieces of last row and cut each piece separately by scoring all along the marked line and carefully snapping.
- Conceal expansion gaps along perimeter walls with the **Finishing Strip** and finish doorways with suitable door plate.

After installation:

- Clean the floor thoroughly with vacuum cleaner and/or soft mop to remove any grit and debris before placing furniture back in the room.
- Do not in-fill expansion gap under any circumstances, and don't use gap to hide any cables, etc.
- Don't fix any items permanently onto, or through, the floor.

Care and maintenance ongoing:

- Don't drag heavy or sharp items across the floor, as this can scratch the surface. Use felt pads under furniture feet, chair legs, etc.
- Avoid heavy point loading directly over floor joints, so they don't get weakened.
- Use vacuum cleaner or soft mop regularly to remove dirt and grit (which can cause scratches). Do not use a steam cleaner.
- Clean and maintain your Luvanto Endure floor with the Floor Care Kit to maintain the Warranty.