

TORLYS LEATHER PLANK INSTALLATION INSTRUCTIONS

Dear Customer,

You have chosen a high quality TORLYS Leather floor, well suited for all residential application except bathrooms and wet-rooms. Please take a moment to review the installation instructions and plan your installation carefully.

SET UP

In order to have sufficient material on hand, calculate area and add 5% of material to allow custom cutting. Place the closed packages in the room of installation 24 hours prior to install, to acclimate the product to room conditions. Put the packages in the middle of the room, NEVER against a wall or place in a corner. Do not open packages until you are ready to start installation. Inspect each plank, in a well-lit area before installation. If you find any defects do not use it. Contact your supplier immediately.

IMPORTANT

Because leather is a natural material, no two planks are alike... this adds to its beauty. Some colour and shade variation should be expected. Always work from several boxes at the same time and shuffle planks for the best visual appearance. Protect flooring from direct sunlight to minimize fading!

PREPARATION

Remove existing carpet, baseboards, quarter-rounds and thresholds and undercut door jams, using a piece of flooring material as a guide. Repair all defects in the sub-floor.

CHECK THAT:

- The doors can still open and close after installing the floor. (Minimum +10mm/ 3/8" clearance)
- The doorframes may need to be adapted to install the floor under them.
- For aesthetic appearance we suggest that you dry lay the material across the width of the room to ensure that the pieces of the last row are no less than 4" (10 cm) wide.
- For a pattern or design in flooring we recommend you find the center of the room and measure out to build the pattern.

SUB-FLOORS

Repair any defects in sub-floor. All sub-floors have to be clean, firm, flat (within 3/16" - 4.8mm in 10 ft - 3m), dry (3% moisture on concrete, 10% or less on plywood) and smooth. You can lay the planks over any solid and stable sub-floor material, including plywood, chipboard, old non-creaking flooring boards, hardwood flooring, concrete slabs, PVC or most ceramic tile (avoid heavily embossed tile). It is essential that the crawl space under wood sub-floors be sufficiently ventilated: remove any obstacle and provide sufficient ventilation (minimum 4cm² of total ventilation per each square metre of floor, i.e., 0.04%). A 6-mil poly vapour barrier must be installed on crawl space floor. A freshly poured concrete slab must dry for at least 1 week per centimetre thickness, up to 4 cm (1-5/8"), and 2 weeks per centimetre thickness above 4 cm, with sufficient ventilation. A 6-centimetre (2-7/16") concrete slab must therefore dry out for a minimum of 8 weeks.

LAYOUT

The floor should be installed from several cartons at the same time to ensure colour and shade mix. If possible, lay the planks parallel with the incidence of light. The ideal environment is a temperature of 15-20° C (60-70°F) and relative humidity of 40-60%. The floor will be stronger and more stable if you lay it so the joints are staggered at least 12" (30 cm). Staggered or irregular joints lead to less waste and improve overall impression.

Expansion wedges must be used on all walls. Installing expansion wedges on all four walls will ensure proper expansion space has been allowed. The expansion wedges will be removed after the flooring installation has been completed. This expansion space will be covered by baseboards and/or quarter round.

NOTE

Never hit the planks directly with your hammer. Always use a TORLYS Tapping Block to protect the edges of the planks.

TOOLS

- Hammer (1 lb.)
- Last-Board Puller
- Saw
- Tape Measure
- 8-10 mm (3/8") Wedges
- Pencil
- Tapping Block



When sawing pieces off the planks, use a fine-toothed handsaw, jigsaw or crosscut saw.

FLOATING METHOD

Preparing sub-floor: in all over-concrete installations, first cover sub-floor with 6 mil poly, overlap edges by 12" (30 cm), duct-tape seems and run up 4" on each wall. TORLYS Leather flooring already has a built-in cork underlayment (this will improve suppleness and work as a sound-deadening barrier for your floor).

DO NOT USE GLUE

PREVENTATIVE MAINTENANCE

To ensure the full benefit of the TORLYS Leather flooring warranty and to extend the beauty of your new leather floor over years to come, we recommended the following preventative maintenance procedures:

- Install floor protectors on furniture legs, to help protect against scratches and dents. The furniture pads (e.g. felt pads) should be wrinkle free and be made of soft, non-staining materials.
- DO NOT DRAG FURNITURE or other heavy objects on the floor. Avoid high heels or shoes that need repair. Some types of high heel shoes can severely damage the surface of any floor covering. For damages that require plank replacement, a tool, the TORLYS Bulldog, is also available through your dealer.
- Sweep and vacuum floor regularly.
- Don't let sand and grit build up. Use protective mats or rugs at doorways and areas of heavy wear. For dry maintenance use a dust mop, vacuum cleaner or dry cloth. For damp maintenance use the TORLYS Cleaning Kit, and follow the maintenance instructions on the container.

IMPORTANT

- To keep your Wear Warranty valid use TORLYS recommended maintenance products and follow TORLYS maintenance instructions.
- Maintain a healthy humidity at 40-60%. Certain regions within North America have extreme changes in humidity levels, which can affect all natural floors. To maintain the humidity at the healthy range of 40-60% the use of either a humidifier or a dehumidifier may be required.
- Never wet mop your TORLYS Leather floor. Never wax or use oil-based products on your TORLYS Leather floors.

INSTRUCTIONS

1) General

TORLYS Uniclic Leather is a revolutionary system for installing floating floors without using glue. TORLYS Uniclic Leather uses an ingenious form of tongue-and-groove to "click" the planks together. The system enables you to work 50% faster than with traditional glued together floating floors, because there is no glue, it is much easier and cleaner to work with.

IMPORTANT!

To do this, you need a hammer and the **SPECIAL TORLYS TAPPING BLOCK**. **DO NOT USE ANY OTHER TAPPING BLOCK**; otherwise you may damage the planks to be fitted. A TORLYS Last-Board Puller will be required to pull exposed joints tight (where Tapping Block and Hammer will not fit). You should not attempt to knock the Uniclic joint into place with one hit.

For the best results, it is absolutely vital to follow the installation instructions and **TO USE TORLYS ACCESSORIES ONLY**:

(A) **TORLYS INSTALLATION KIT** (wedges, tapping block and last-board puller).

(B) **TORLYS FLOORING MAINTENANCE PRODUCTS**.

(C) **A 6 MIL POLY VAPOUR BARRIER MUST BE USED ON ALL OVER-CONCRETE INSTALLATIONS.**

THE USE OF A POLY IS RECOMMENDED ON ALL INSTALLATIONS REGARDLESS OF THE TYPE OF SUB-FLOOR, TO EASE THE USE OF THE TORLYS BULLDOG DURING REPAIRS OR REPLACEMENTS.

(D) **MOULDINGS**

2) Correct installation

Leather, Wood and Cork are the primary components of TORLYS Leather flooring. Since the humidity of the room can vary due to differences between the seasons, the floor must be able to expand or contract on ALL sides.

To facilitate this, a minimum 10mm ($\frac{3}{8}$ " expansion gap **MUST BE** provided at all walls. The same must also be provided around pipes, at thresholds and at doorways.

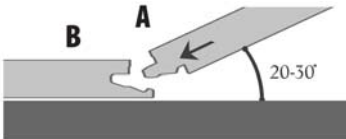
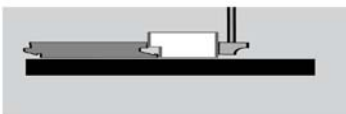
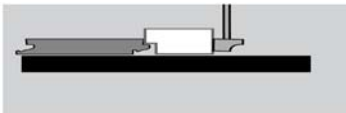
Expansion gaps are covered by a moulding that is not fixed to the Leather floor but to the wall.

Install the planks preferably in the same direction as the longest wall and the way the light falls (visually more attractive).

In areas longer or wider than 10 metres (30 feet) an expansion T-mould must be used.

Start installing the floor on the right side corner of the room.

Always remember that the easiest way of installing the floor is using the tongue (A) into the groove (B).



3) THE FIRST ROWS

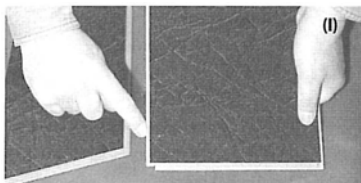
Saw off the tongue of the first plank, both on the short as well as the long edge.

For all other first-row planks cut off the tongue on the longitudinal side (Photo I).

The first plank is oriented in the right hand corner of the room. A minimum spacing of 10 mm ($\frac{3}{8}$ " is maintained using wedges.

This distance must also be provided at all columns, heating pipes, steel doorframes, etc.

The planks are laid with the tongue side facing the wall to be able to work to the tongue/groove system.



Now plank #2 is turned inclined with the end joint into the already laid plank, clicking them together. Please ensure that the planks of the first row are straight (II). Repeat process until the first row is completed.

The cut piece from the first row becomes the starting piece of row #2: this will create a staggered joint. The cut edge is installed facing the wall, with the expansion wedge in place. This piece is now angled and clicked into plank #1 of the first row. The cut pieces should be a minimum of 8" (20 cm) in length (III).

Continuing row #2 with a full piece, click it to the first row (IV) and, at the same time, make sure that it is no more than 1/4" (6mm) away from the edge of the first piece of row #2.

Using the tapping block, tap the new plank into to first piece of row #2.

You should not attempt to knock the Uniclic joint into place with one hit. This method is continued, plank for plank, over the whole width of the room.

PLEASE NOTE that the stagger between the head joints should be 20 cm (8") minimum, and preferably 30 cm (12"). The last planks of each row are cut so that a 10 mm ($\frac{3}{8}$ " gap with the wall is taken into consideration.

4) THE FINAL ROW

Measure and cut the planks of the final row so that there is a minimum 10mm ($\frac{3}{8}$ " expansion space between the final row and the wall. These planks will be tapped into the last installed row using the Last-board Puller and hammer.

5) UNDER DOOR FRAMES

Saw the planks so that after installation there is a minimum 10 mm ($\frac{3}{8}$ " expansion joint. This can be achieved by undercutting the doorframes. If you cannot rotate this plank, use the TORLYS Tapping Block and hammer to tap the planks together.

6) COMPLETING THE INSTALLATION

After installing your floor, you can immediately walk on it and begin the final touches. This is one of the major benefits of the TORLYS Uniclic Leather floor system.

- Remove all wedges and install baseboards and/or quarter round.
- Attach the baseboard to the wall and not to the floor, this will allow the floor to expand and contract underneath the baseboard. If a vapour barrier has been used, attach the baseboard through the plastic membrane sticking up from the floor, with the use of finishing nails.
- Finish the pipes with rosettes or silicone seal in places where no profiles or baseboards can be placed, the expansion gap must be filled with silicone sealant.

7) RADIANT HEAT APPLICATION

Contact TORLYS for installation procedures regarding Radiant Heat Application.

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TORLYS
smart floors

