

TORLYS EVERWOOD™ TWIST

DEAR CUSTOMER,

You have purchased a high quality **TORLYS EverWood™ Twist** Floor, well suited for all residential rooms including bathrooms *. Please take a moment to review these installation instructions and plan your installation carefully. Please note that **IMPROPER INSTALLATION CAN VOID WARRANTIES**. Installation of 100 square feet (9 m²) of flooring is enough to verify quality and acceptance.

IMPORTANT * In bathroom installations, the expansion space must be filled with flexible silicone sealant.

TORLYS EverWood™ Twist can be installed in 3-season homes (from -22 °F to 122 °F / -30 °C to 50 °C)**. Thermal shock - very rapid and extreme changes in temperature - may cause damage to the floor. The use of a continuous vapour barrier and proper insulation is mandatory in the crawl space.

***Installation in areas exposed to temperatures in excess of 122 °F (50 °C) are not recommended.*

Closed-in porches, solariums, screened in gazebos - ALL of these can experience rapid and unbalanced changes in the interior environment that cannot be properly controlled. Installation under these conditions is NOT recommended.

SET UP

To ensure you have sufficient material on hand, calculate the total area of the room and add 15% of material to allow for custom cutting. For acclimation, 48 hours prior to installation, place the closed packages in the middle of the properly conditioned room (see **LAYOUT** section), **NEVER** against a wall or in a corner. **Do not install TORLYS EverWood™ Twist until it is acclimatized to the required room temperature of 60 °F – 70 °F (16 °C – 21 °C)**. Inspect each plank before installation. If you find any defects, do not use the plank. Contact your supplier immediately.

Please Note: The TORLYS Warranty does not cover labour for installation of planks with visible defects.

PREPARATION

Remove existing carpet, baseboards, quarter-rounds and thresholds. Undercut door jambs using a piece of flooring material (plus the respective underlay) as a guide. Repair all defects in the subfloor. Additional expansion and contraction space can be achieved by undercutting drywall.

CHECK THAT:

- The job-site has been cleaned and cleared of debris that could potentially damage the finish of your TORLYS floor.
- The doors can still open and close after installing the floor.
- Doors may have to be cut to supply sufficient clearance.
- The door jambs may need to be adapted to install the floor under them.
- For aesthetic appearance we suggest that you measure the width of the room to ensure that the width of the pieces of the first and last row is approximately the same. Cut the width of the pieces of the first and last row as needed.

SUBFLOORS

Repair any defects in the subfloor. Installation over an uneven subfloor will cause premature damage to floor and make the floor feel unstable. All subfloors must be clean, firm, flat (within 3/16" – 4.8 mm in 10 ft – 3 m), smooth and dry. The moisture on concrete slabs must be equal or less than 80% Relative Humidity with an *in-situ* probe as per ASTM F2170 , 12% or less on plywood). You can lay the planks over a solid and stable subfloor material that meets these requirements. It is essential that the crawl space under subfloors is sufficiently ventilated. Remove any obstacles and provide sufficient ventilation. A 6-mil (0.15 mm) poly vapour barrier must be installed on crawl space floor.

LAYOUT

The floor should be installed from several cartons at the same time, shuffling planks to ensure colour and shade mix. The ideal environment is a temperature of 60 °F – 70 °F (16 °C – 21 °C).

A minimum of 1/8" (3.2 mm) expansion wedges must be used at all walls and vertical obstructions, to allow for proper expansion/contraction space. Any wedges should be removed after the flooring installation has been completed, and the expansion/contraction space should be covered by baseboard, quarter round/shoe mould, and/or drywall (if wall is undercut).

TOOLS

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



When sawing pieces off the planks, use a fine-toothed hand saw, jigsaw, chop-saw, guillotine or utility knife.

***Note:** available in a TORLYS Installation Kit.

****OPTIONAL:** for ease of installation and repairs use TORLYS Bulldog™ tool.

FLOATING METHOD

Prepare the subfloor. TORLYS EverWood™ Twist has a built-in cork backing and therefore no additional underlayment is required.

Do not glue planks together.

PREVENTATIVE MAINTENANCE

To ensure the full benefit of your TORLYS EverWood™ Twist floor and to extend its beauty for years to come, we recommend the following preventative maintenance suggestions:

- **Install floor protectors** on furniture legs to protect against scratches and dents. These furniture pads should have no wrinkles and be made of soft, non-staining material (e.g. felt pads); the felt pads should be of adequate size to support the weight of the furniture and a minimum of 1" (2.5 cm) in diameter. The floor protectors should sit flat on the floor and be inspected periodically for cleanliness and wear. For heavy pieces of furniture (e.g. couches) the use of coaster-cups is recommended to disperse the weight.
- **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, contact TORLYS Technical Department.
- **Close your curtains or blinds** where continuous or extreme sunlight will shine on your floor. Also UV protection in windows will help with the performance of your furnishings. A combination of heat and sunlight can cause most furnishings and flooring to fade or change colour.
- **Sweep and vacuum floor regularly.**
- **Avoid sand and grit build up.**

At doorways and areas of heavy wear, use protective mats or rugs that are marked "non-staining". For dry maintenance, use a dust mop, vacuum cleaner or dry cloth. For damp maintenance, use the TORLYS EcoCare Cleaning Kit, available from your Authorized Dealer, and follow the maintenance instructions on the container. **Basic cleaning is with a damp cloth. Excess water can cause a slip and fall hazard.**

IMPORTANT

To keep your warranty valid, use TORLYS recommended maintenance products and follow TORLYS maintenance instructions. For more information on maintenance products and instructions go to: www.torlys.com.

INSTRUCTIONS

1) GENERAL

TORLYS EverWood™ Twist is a revolutionary system for installing flooring using an ingenious tongue and groove system to "lock" the planks together.

IMPORTANT:

Never hit the planks directly with your hammer or rubber mallet. Always use a TORLYS Tapping Block or TORLYS Bulldog™ Tool** to protect the edges of the planks. Make sure the Tapping Block is in good condition. Hold Tapping Block down when using it. Gently tap all planks into their final locking position.

Use a TORLYS "Last-Board Puller" to pull exposed joints tight, where a tapping block and hammer will not fit.

For a short edge, use several small taps until the planks click together completely.

For a long edge, and if you cannot **angle-click the planks** (e.g. when installing final row) tap planks together gradually.

Begin tapping lightly at the corner of a plank until the joint has clicked together. Repeat the process approximately every 12" (30 cm) until the entire long edge of the plank has clicked in with the next plank.

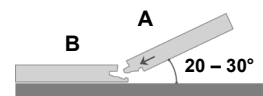
Never attempt to knock the joint into place with one hit. For the best results, follow the installation instructions and use only:

- TORLYS INSTALLATION KIT**
(Wedges, TORLYS tapping block and last-board puller)
- TORLYS MAINTENANCE PRODUCTS**
[TORLYS EcoCare (pH Neutral) Cleaner]
- TORLYS BULLDOG™ TOOL**

2) CORRECT INSTALLATION

A minimum of 1/8" (3.2 mm) expansion/contraction space must be provided at all walls and vertical obstructions (e.g. around pipes and at thresholds). These gaps may be covered by a moulding that is not fixed to the EverWood™ Twist floor, but to the wall.

Always remember that the easiest way to install the floor is by placing the tongue (A) into the groove (B).



Lift plank being installed to 20 - 30 degree angle and keep tongue of the plank in the groove of installed plank. With gentle pressure and a gentle rocking motion push the plank down. Finish locking the plank with a tap into place using a tapping block or Bulldog tool.

TRANSITION MOULDINGS

Installation can not exceed 80 ft (25 m) in any direction, without the mandatory use of transition mouldings. When installing without a Transition Moulding, a small bead of flexile silicone, or similar caulking, can finish the edge.

Match Transition Mouldings (e.g. Reducers)

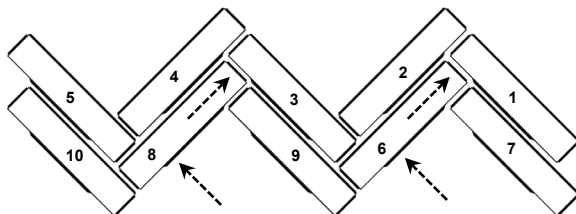
For the best appearance compare the transition mouldings and flooring before installation, identify the pieces that best match the mouldings for colour and grain, set them aside and then install them as needed.

Note: If using flush-mount stair nosing in conjunction with this flooring, do not commence installation before referring to the stair nosing instructions.

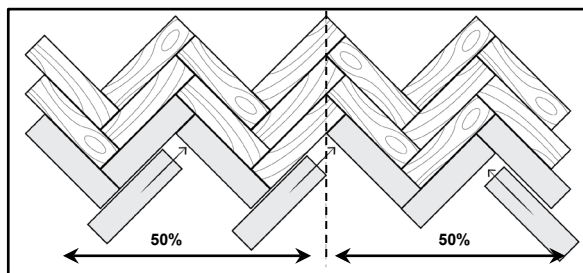
3) THE FIRST ROWS – INSTALLATION OPTION 1

- Measure the room before you start fitting. Mark the middle of the width of the room. In order to save on material waste, you could however shift the row a couple of centimetres from the center of the room in order to avoid very short planks on the sides.
- Start with connecting the short side of plank #1 to the long side of plank #2 by an angling movement. The long side of plank #3 to the short side of plank #2. The long side of plank #4 to the short side of plank #3 and so on for the first row.
- To connect the second row: in a two step motion, angle the short end of plank #6 into the long side of plank #1 and then lock the long side of plank #6 to the long side of plank #2 and short side of #3. You can use a rubber hammer and tapping block to lock the plank in place. Make sure the plank is angled down completely.

(Figure 1)

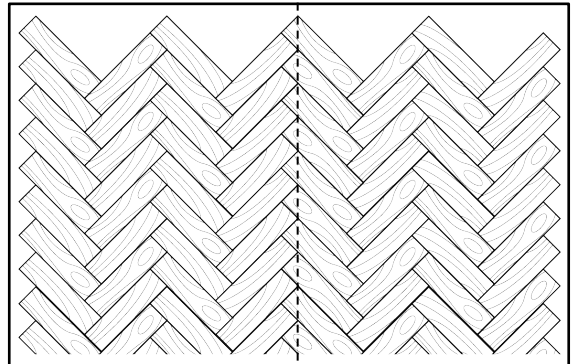


(Figure 1)



(Figure 2)

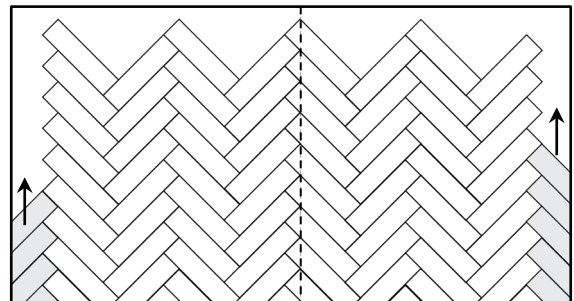
- Continue with this row by row method towards the other end of the room. Always check each joint before continuing. (Figures 2 and 3)



(Figure 3)

- When no more rows can be fitted in the room, start measuring and cutting pieces to complete the rows. For perimeter cut pieces use the TORLYS Last-board puller or the TORLYS Bulldog™ to lock the pieces into place.
 - Make sure to respect the expansion/contraction space of a minimum of 1/8" (3.2 mm) on all four sides of the room. We recommend the use of spacers to fill out the contour of the wall.
 - Note that an expansion profile may be needed if the installation exceeds 80 ft (25 m) in any direction.

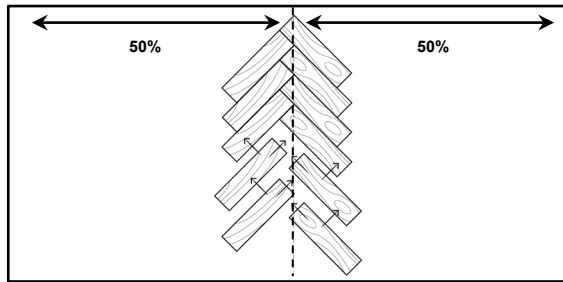
(Figure 4)



(Figure 4)

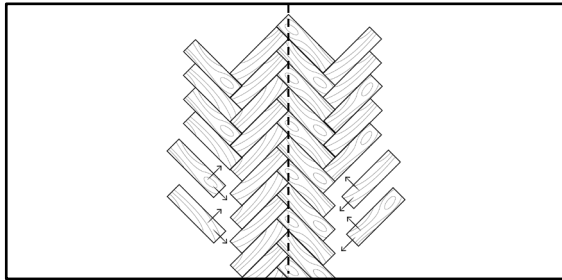
INSTALLATION OPTION 2

- Same instructions as **Option 1 A**.
- Connect the short side of plank #1 to the long side of plank #2 by an angling movement and keep adding new planks until you reach the other end of the room. (Figure 5)



(Figure 5)

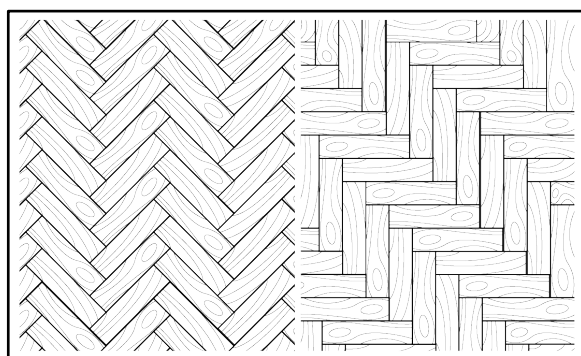
- C) Add planks on both sides of the initial row by angling the short sides and locking the long sides. (Figure 6)



(Figure 6)

- D) When no more rows can be fitted in the room, start measuring and cutting pieces to complete the rows. For perimeter cut pieces use the TORLYS Last-board puller or the TORLYS Bulldog™ to lock the pieces into place.
- Make sure to respect the expansion/contraction space of a minimum of 1/8" (3.2 mm) on all four sides of the room. We recommend the use of spacers to fill out the contour of the wall.
 - Note that an expansion profile may be needed if the installation exceeds 80 ft (25 m) in any direction.

TWO OPTIONAL FLOOR POSITIONS



Single

Diagonal

4) THE FINAL ROWS

Measure and cut the planks of the final rows so that there is a minimum 1/8" (3.2 mm) expansion/contraction space between the final rows and the wall. These planks will be angled and tapped into the last rows using the Last-Board Puller or Bulldog Tool. Knock short edges together using TORLYS Tapping Block.

5) UNDER DOOR FRAMES

Saw the planks so that after installation there is a minimum 1/8" (3.2 mm) expansion/contraction space. This expansion/contraction space can be covered by undercutting the door jamb. If you cannot rotate this plank, use the TORLYS Tapping Block and hammer to tap the planks together. TORLYS has designed a special tool for this type of installation: the TORLYS Bulldog™ tool.

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 glue-less system.

Remove any spacer wedges and install baseboards, quarter-round and/or shoe mould if required. Never attach the baseboard to the floor itself, but to the wall instead. You need to allow the floor to expand and contract underneath the baseboard. Finish around pipes with pipe collars, or flexible silicone sealant. Where no mouldings or baseboards can be installed, or where undercutting is not an option, fill the expansion/contraction space with flexible silicone.

7) RADIANT HEAT APPLICATION

TORLYS EverWood™ Twist floors are guaranteed for installation over radiant-heated subfloors. For details and limitations, please check the "[TORLYS Flooring Warranty and Instructions for installation over radiant-heated subfloors](#)". Visit our website at: www.torlys.com, for detailed information.

8) FLOOD WARRANTY

TORLYS EverWood™ Twist floors are covered by a Flood Warranty. For detailed installation instructions and limitations, please check the "[TORLYS Flood Warranty and Installation Instructions for EverWood™ and EverTile™](#)". Visit our website at: www.torlys.com, for detailed information on our Flood Warranty.

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