

Laminate – Shore/Highland/Highland Narrow

DEAR CUSTOMER,

You have purchased a quality **Marquee Laminate** floor, well suited for all residential rooms*. Please take a moment to review these installation instructions and plan your installation carefully.

Note : IMPROPER INSTALLATION CAN VOID WARRANTIES. Installation of 100 square feet of flooring is enough to verify quality and acceptance.

***Marquee Laminate** flooring is not suitable for use in SAUNAS or other abnormal use or conditions including, but not limited to, water damage from plumbing, storms, floods and water saturation on the surface or trapped between subfloor and floor.

SET UP

To ensure you have sufficient material on hand, calculate the total area of the room and add 5% of material to allow for custom cutting. Forty-eight hours prior to installation, place the closed packages of flooring, in the middle of the properly conditioned room, NEVER against a wall or in a corner, nor near hot or cold air-vents or in direct sunlight. Do not open the packages until you are ready to begin installation. Inspect each plank before installation. If you find any defects, do not use the plank. Contact your supplier immediately.

Please Note: The Marquee by 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 can be achieved by undercutting drywall.

SUBFLOORS

Repair any defects in the subfloor. Installation over an uneven subfloor will cause premature damage to the floor and make the floor feel unstable. All subfloors must be clean, firm, flat (within 3/16" - 4.8 mm in 10ft - 3m), 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 any solid and stable subfloor material, including plywood, chipboard, old non-creaking flooring boards, hardwood flooring, concrete slabs, PVC or most ceramic tile (avoid heavily embossed tile).

DO NOT install over existing carpet. Subfloors must be structurally sound. Any loose parts must be nailed or screwed and, if necessary, a cement-based polymer modified levelling compound must be applied. Any squeaking noises must be corrected. Minor squeaking or crackling noises are to be accepted as normal flooring phenomenon. It is essential that the crawl space under wood subfloors is sufficiently ventilated. Remove any obstacles and provide sufficient ventilation. A 6 mil (0.15 mm) poly vapour barrier must be installed on the crawl space floor*.

* *In construction terminology, a crawl space is defined as : "a shallow space below the living quarters of a house, normally enclosed by the foundation wall..."*.

LAYOUT

The floor should be installed from several cartons at the same time, shuffling planks to insure colour and shade mix.

- **All flooring should be installed in rooms meeting the following conditions: 60 - 85°F (16-29°C) at a relative humidity of 20 - 65%.***

* The ideal environment is a temperature of 60°F - 70°F (15°C - 20°C) and relative humidity of 40 - 60%.

- For best results, let the planks acclimate for 48 hours in the unopened packaging at the normal room temperature in the middle of the room where the floor is to be installed.
- Room humidity and temperature varies according to season, so it is vital that the floor is able to expand and contract.

- Be sure to leave a **minimum expansion and contraction space*** on all sides of the floor, around pipes, thresholds, under doors and around any fixed objects (floor vents, kitchen islands, etc.). All mouldings, doorframes etc. should be undercut to allow an expansion and contraction space around the entire perimeter of the floor.

*** of 5/16" (8 mm) for collections Highland and Highland Narrow plank, or 1/2" (12 mm) for the Shore collection.**

The floor will be stronger and more stable if the joints are staggered at least 12" (30 cm) in each row. Staggered or irregular joints result in less waste and enhance the overall appearance of the floor. Do not stair step the flooring across the room. Expansion wedges must be used on all walls to allow for proper expansion space. The wedges should be removed after the flooring installation has been completed, and the expansion space should be covered by baseboard and/or quarter round or additional shoe moulding.

NOTE

Never hit the planks directly with your hammer.
Always use a TORLYS tapping block to protect the edges of the planks. **DO NOT USE ANY OTHER TAPPING BLOCK** – otherwise you will damage the planks!

TOOLS

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



* Note : available in a TORLYS Installation Kit

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

UNDERLAYMENTS

Prepare the subfloor. Cover all subfloor with TORLYS foam (or cork) underlayment, rolled out and taped at seams. TORLYS foam underlayments include a 3" adhesive overlap (except TORLYS LV-Pro), which makes the use of damp-proof tape necessary only at the short ends of the rolls. The TORLYS underlayment will also provide a sound deadening barrier for your floor. When using TORLYS cork underlayment (instead of TORLYS foam) over concrete or ceramic subfloors, first cover the subfloor with 6 mil (0.15 mm) poly, overlap edges by 12" (30 cm), damp-proof tape the seams and run up 4" (10 cm) on each wall.

PREVENTATIVE MAINTENANCE

To ensure the full benefit of your **Marquee Laminate** floor warranty and to extend the beauty of your new floor for years to come, we recommend the following preventative care and 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" (2.5cm) 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.
- **Sweep and vacuum floor regularly.**
- **Avoid sand and grit build up.**
Do not track asphalt or oil onto your laminate flooring.
- **Use protective non-staining mats** or rugs at doorways and areas of heavy wear. Note: mats with rubber backing can discolour laminate floor coverings.
- **For dry maintenance,**
use a dust mop, vacuum cleaner or dry cloth.
- **For damp maintenance,** use the TORLYS EcoCare Maintenance Kit, available from your Authorized Dealer, and follow the maintenance instructions on the container. **Basic cleaning is done with a damp cloth.**

IMPORTANT: To keep your warranty valid, use TORLYS recommended maintenance products and follow TORLYS maintenance instructions. For more information on maintenance products and instructions visit our website at: www.torlys.com.

Maintain the humidity at a healthy level of 30 - 60%. Certain regions within North America have extreme changes in humidity levels, which may affect all floors. To maintain humidity within the recommended range, a humidifier or dehumidifier may be required. Never wet mop your Marquee Laminate floor. Never wax or use oil based products on your Marquee Laminate floor.

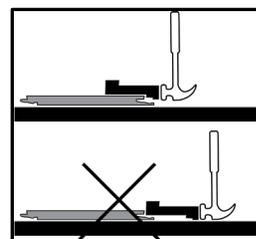
INSTRUCTIONS

1) GENERAL

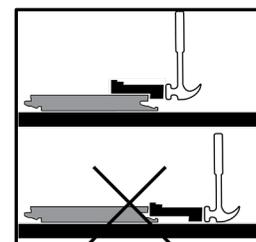
IMPORTANT!

Use a hammer and the TORLYS tapping block. Never use any other tapping block, as it may damage the planks.
Use a TORLYS "last-board puller" to pull exposed end 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, start by angling the plank in at approximately 20 degrees and press down. Tap lightly into place if necessary.

Position for 8 mm



Position for 12 mm



For the best results, follow the installation instructions and use only:

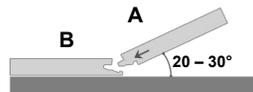
- A) **TORLYS INSTALLATION KIT** (spacer wedges, tapping block and last-board puller).
- B) **TORLYS MAINTENANCE PRODUCTS.**
- C) **6 MIL POLY VAPOUR BARRIER** for installations of cork underlayment over cementitious subfloors.

2) CORRECT INSTALLATION

Wood is the primary component of Marquee Laminate flooring. Since the humidity of a room can vary from one season to the next, the floor must be able to expand and contract in **ALL** directions. A 5/16" (8 mm) or 1/2" (12 mm) expansion and contraction space must be provided at all walls, around pipes and at thresholds. These spaces should be covered by a moulding that is not fixed to the floor but to the subfloor (T-moulds, Reducers, Square-nosing) or to the wall (baseboard, quarter-round or additional shoe moulding). Provide expansion and contraction space under door jambs. Install the planks in the same direction as the longest wall, or, if possible, parallel to window light, for a more appealing look. In areas longer or wider than 30 feet (10 meters), transition mouldings are required in all door openings between rooms. An expansion T-mould must be used.

Begin installing the floor from the left corner of the room.

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



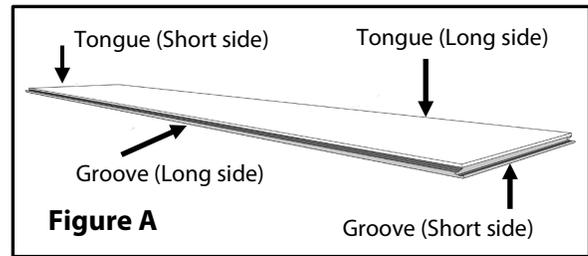
Match Transition Mouldings (e.g. Reducers)

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.

Mouldings are manufactured to coordinate with the varied appearances of the floor planks. Any exact matches are coincidental. Non-matching mouldings are not defective products.

3) THE FIRST ROWS

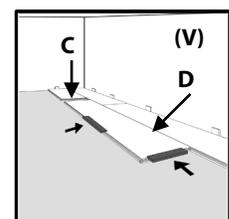
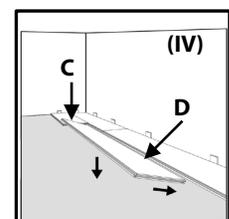
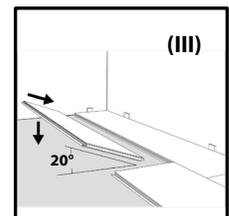
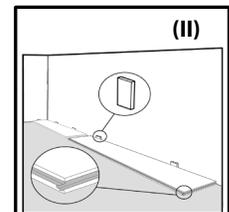
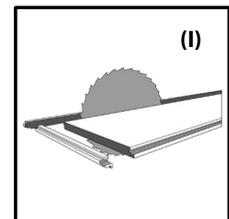


Saw off the tongue of the first plank, both on the short as well as the long edge. For all other first row planks cut off the tongue on the long edge (I).

Orient the first plank in the left corner of the room. Maintain a spacing of 5/16" (8 mm) or 1/2" (12 mm), using wedges. Lay the planks with the tongue side (I) facing the wall in order to use the tongue/groove system. Lay the first rows along the wall, (note that an expansion and contraction area of 5/16" (8 mm) or 1/2" (12 mm) must be provided at the wall, as well as at all columns, pipes, steel doorframes, etc). Turn plank inclined with the end joint into the already laid plank. Click the two together. Ensure that the planks of the first row are straight (II).

The cut piece from the first row becomes the starting piece for a subsequent row. Install the cut edge facing the wall, with the expansion wedges in place. Now angle this piece and click it into the first plank of the first row. The cut pieces should be a minimum of 12" (30 cm) in length (III).

Continue the second row with a full piece, placing the tongue of the long side into the groove of first row piece (IV). Move the end joints together until they are approximately 1/4" – 6 mm apart. Click the plank lengthwise into place. (D). For the short edge (C), use a number of **smaller taps with the TORLYS tapping block**, until the planks click into place completely (V).



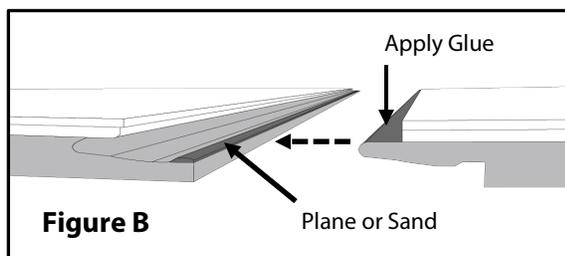
Do not attempt to knock the joint into place with one hit. Continue this method for each plank, covering the entire width of the room.

4) THE FINAL ROW

There should be a 5/16" (8 mm) or 1/2" (12 mm) expansion and contraction space between the final row and the wall. To create this, saw off the long edges of the last row of planks. Angle the last row of planks into the previous row. If necessary, lightly tap the planks to seat using the last board puller and hammer. Tap the short edges together using the TORLYS tapping block or last board puller.

5) UNDER DOOR FRAMES

Saw the planks so that after installation there is a 5/16" (8 mm) or 1/2" (12 mm) expansion and contraction space. If you cannot incline and click this plank, or slide it into place, it may be necessary to modify the joint. Begin by removing a portion of the lip on the groove (**Figure B**). apply a small bead of PVA Type 2 T&G adhesive to the top of the corresponding tongue and position the plank in place. Immediately wipe off any excess adhesive with water, use low adhesion tape (eg. 3M ScotchBlue or similar) to hold the joint closed until the applied adhesive sets: remember to remove the tape as soon as the applied adhesive sets.



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 glueless system. Remove all spacer wedges and install baseboards and/or quarter-rounds. 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. If a vapour barrier has been used, attach the baseboard through the plastic membrane sticking up from the floor, using finishing nails. Finish the pipes with pipe collars or flexible silicone seal.

Where no mouldings or baseboards can be installed, fill the expansion gap with a flexible silicone sealant.

IN BATHROOMS : the use of a flexible silicone to seal the expansion and contraction space is mandatory in all bathroom installations.

7) RADIANT HEAT APPLICATION

Contact TORLYS for installation procedures regarding radiant heat applications or visit www.torlys.com. Marquee Laminate 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 TORLYS website at: www.torlys.com, for detailed information.

ATTN : INSTALLERS CAUTION: WOOD DUST

Sawing, sanding and machining wood products can produce wood dust. Airborne wood dust can cause respiratory, skin and eye irritation. The International Agency for Research on Cancer (IARC) has classified wood dust as a nasal carcinogen in humans.

PROPOSITION 65 WARNING : Produces wood dust when cut. Wood dust is known to California to cause cancer.

PRECAUTIONARY MEASURES : Power tools should be equipped with a dust collector. If high dust levels are encountered use an appropriate NIOSH designated dust mask. Avoid dust contact with skin and eyes. First Aid Measures in case of irritations: In case of irritation flush eyes and skin with water for at least 15 minutes.

WARNING! DO NOT MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES. PREVIOUSLY INSTALLED RESILIENT FLOORING MAY CONTAIN EITHER ASBESTOS FIBERS OR CRYSTALLINE SILICA. THE PRODUCTS IN THIS BOX DO NOT CONTAIN ASBESTOS.

Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication "*Recommended Work Practices for Removal of Resilient Floor Coverings*" for detailed information and instructions on removing all resilient covering structures.

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