

TORLYS COLOSSIA/ENVIQUE/PARK LANE/STYLEO LAMINATE WATERPROOF INSTALLATION INSTRUCTIONS

DEAR CUSTOMER,

You have purchased a high quality TORLYS Colossia/Enrique/Park Lane/Styleo waterproof laminate, well suited for all residential rooms*. Please take a moment to review the installation instructions and plan your installation carefully.

**TORLYS 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.*

IMPORTANT: Before starting the installation, please read carefully this entire document, **paying special attention to section 6) Completing the Installation.**

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. 24 hours prior to installation, place the closed packages in the middle of the room, NEVER against a wall or in a corner. 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 dealer 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 sub-floor. Additional expansion and contraction 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 and not less than 3" (7.5cm). Cut the width of the pieces of the first and last row as needed.

SUB-FLOORS

Repair any defects in the sub-floor. 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" – 4.8mm in 10ft – 3m), dry (on concrete not exceeding 6 lbs/24 hours/1,000 sq.ft. as per ASTM F1869*, or ≤ 80% RH as per ASTM F2170, on plywood 12% or less) and smooth. 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/ 0.15mm poly vapour barrier must be installed on crawl space floor.

** Note: To employ F1869 the surface of the concrete must be porous; hard machine troweled concrete or concrete surfaces with extraneous substances on the surface such as residual adhesive, sealers, curing compounds, etc. must be mechanically removed prior to testing.*

LAYOUT

The floor should be installed from several cartons at the same time, shuffling planks to ensure colour and shade mix. If possible, lay the planks parallel to the source of light. The ideal environment is a temperature of 60°F - 70°F (16°C - 21°C) and relative humidity of 30-60%. The floor will be stronger and more stable if the joints are staggered at least 8" - 20cm 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/contraction space should be covered by baseboard, quarter round, and/or drywall (if wall is undercut).

NOTE

Never hit the planks directly with your hammer or rubber mallet. When required, 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.

TOOLS

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



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

*Note: available in a TORLYS Installation Kit

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

FLOATING METHOD

Prepare the sub-floor. The recommended underlays are: TORLYS XV, TORLYS 3-in-1, TORLYS Acoustik, TORLYS Safe and Sound or TORLYS CorkPlus. Cover all sub-floor with TORLYS underlayment, rolled out and taped at seams. The TORLYS XV/3-in-1/Acoustik/Safe and Sound underlayments include a 3" adhesive overlap, which makes the use of damp-proof tape necessary only at the short ends of the rolls. When using TORLYS cork underlayment over concrete or ceramic sub-floors, first cover the sub-floor with 6 mil (0.15mm) poly, overlap edges by 12" (30cm), damp-proof tape the seams and run up 4" (10cm) on each wall.

Do not glue planks together.

PREVENTATIVE MAINTENANCE

To ensure the full benefit of the TORLYS Laminate Waterproof Flooring warranty and to extend the beauty of your new floor for years to come, we recommended 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" (2.5cm) 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.
- **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 available through your dealer.
- **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.** Use TORLYS Maintenance Kit with dust mop.

• **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 Natural Glow Maintenance Kit**, available from your Authorized Dealer, and follow the maintenance instructions on the container.

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.

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

INSTRUCTIONS

1) GENERAL

Uniclic® is a revolutionary system for installing flooring using an ingenious tongue and groove system to "lock" the planks together.

IMPORTANT!

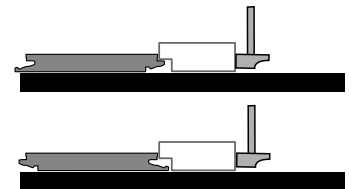
Use a hammer and the special TORLYS tapping block. Never use any other tapping block, as it may damage the planks. Use a

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, 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" (30cm) until the entire long edge of the plank has clicked in with the next plank. Never attempt to knock the joint into place with just one hit.

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

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

B) TORLYS MAINTENANCE PRODUCTS (Dust Mop, TORLYS Natural Glow (pH Neutral) Cleaner).



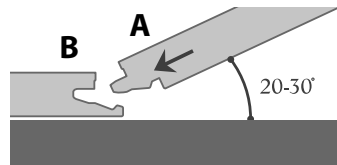
C) TORLYS BULLDOG TOOL

D) 6 MIL POLY VAPOUR BARRIER for installations of cork underlayment over concrete or ceramic sub-floors.

2) CORRECT INSTALLATION

Wood is the primary component of TORLYS 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 minimum of 3/8" - 1/2" (8mm - 12mm) expansion/contraction gap (or minimum thickness of floor) must be provided at all walls and vertical obstructions (e.g. around pipes and at thresholds). These gaps should be covered by a moulding that is not fixed to the floor but to the sub-floor (T-moulds, Reducers, Square-nosing) or to the wall (Baseboards and/or Quarter-round). Provide expansion gaps under doors. Install the planks in the same direction as the longest wall, or the same direction in which the light falls, for a more appealing look. 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).



TRANSITION MOULDINGS

In areas longer or wider than 50 feet (15 meters), an expansion T-mould must be used. A transition moulding is also required for all doorways.

MATCH TRANSITION MOULDINGS (E.G. STAIR NOSINGS)

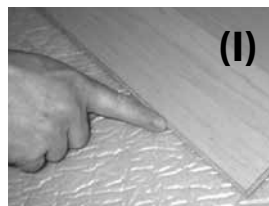
For the best appearance compare the transition mouldings and flooring before installation, identify the planks that best match the mouldings for colour and grain, set them aside and then install them as needed.

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

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 (Photo I).

Orient the first plank in the left corner of the room. Maintain a minimum spacing from the wall of 3/8" - 1/2" (8-12 mm) (or minimum thickness of floor), using wedges. Lay the planks with the groove side facing you (I) in order to use the



tongue/groove system. Lay the first rows along the wall (note that an expansion area of 3/8" - 1/2" (8-12 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 another row. Install the cut edge facing the wall, with the expansion wedge 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 8" (20cm) 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" - 6mm apart. Click the plank lengthwise into place. For the short edge, use a number of smaller taps with the tapping block, until the planks click into place completely.



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.

PLEASE NOTE that the stagger between the head joints should be 8" (20 cm) minimum, and preferably 12" (30cm). Cut the last planks of each row leaving a 3/8" - 1/2" (8mm - 12mm) gap to the wall.

4) THE FINAL ROW

Measure and cut the planks of the final row so that there is a minimum 3/8" - 1/2" (8mm - 12mm) expansion/contraction space between the final row and the wall. These planks will be angled and tapped into the last row 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 3/8" - 1/2" (8mm - 12mm) expansion/contraction gap. This expansion/contraction gap can be covered by undercutting the door jamb. If you cannot incline and click this plank, use the last-board puller or the TORLYS tapping block, or TORLYS Bulldog, and hammer to tap the planks together.

6) COMPLETING THE INSTALLATION

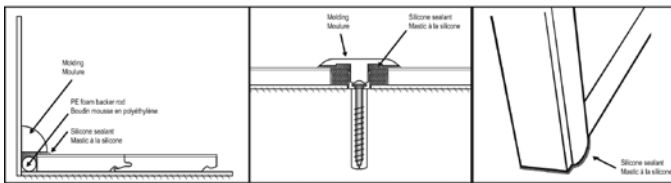
After installing your floor, you can immediately walk on it and begin the final touches; This is one of the major benefits of the glueless system.

Remove all spacer wedges and, to create a waterproof seal around the entire perimeter, first fill all expansion spaces with compressible 3/8" PE foam backer rod (type Climashield or Climaloc); next, create a watertight seal by applying waterproof, flexible, 100% silicone sealant on top of the foam backer rod, covering at least 1/8" of the floor and 1" running up the wall (which will then be covered by baseboard, and quarter-round, if required) or the door stop.

Prior to installing the mouldings, first fasten the track to the subfloor, then apply the flexible silicone sealant along the portion of the moulding that will contact directly with the laminate flooring surface. Install mouldings and immediately wipe away any excess silicone sealant.

Apply flexible silicone sealant to door frames and trims or any other fixed objects.

Please see drawings below.



7) RADIANT HEAT APPLICATION

TORLYS Colossia/Envique/Park Lane/Styleo Laminate floors are guaranteed for installation over radiant-heated sub-floors. For details and limitations, please check the "TORLYS Flooring Warranty and Instructions for installation over radiant-heated sub-floors". Visit our 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. For questions please contact Technical Services at: 1-888-387-9882, option 1.

IMPORTANT HEALTH NOTICE FOR MINNESOTA RESIDENTS ONLY:

THESE BUILDING MATERIALS EMIT FORMALDEHYDE. EYE, NOSE, AND THROAT IRRITATION, HEADACHE, NAUSEA AND A VARIETY OF ASTHMALIKE SYMPTOMS, INCLUDING SHORTNESS OF BREATH, HAVE BEEN REPORTED AS A RESULT OF FORMALDEHYDE EXPOSURE. ELDERLY PERSONS AND YOUNG CHILDREN, AS WELL AS ANYONE WITH A HISTORY OF ASTHMA, ALLERGIES, OR LUNG PROBLEMS, MAY BE AT GREATER RISK. RESEARCH IS CONTINUING ON THE POSSIBLE LONG-TERM EFFECTS OF EXPOSURE TO FORMALDEHYDE. REDUCED VENTILATION MAY ALLOW FORMALDEHYDE AND OTHER CONTAMINANTS TO ACCUMULATE IN THE INDOOR AIR. HIGH INDOOR TEMPERATURES AND HUMIDITY RAISE FORMALDEHYDE LEVELS. WHEN A HOME IS TO BE LOCATED IN AREAS SUBJECT TO EXTREME SUMMER EMPERATURES, AN AIR-CONDITIONING SYSTEM CAN BE USED TO CONTROL INDOOR TEMPERATURE LEVELS. OTHER MEANS OF CONTROLLED MECHANICAL VENTILATION CAN BE USED TO REDUCE LEVELS OF FORMALDEHYDE AND OTHER INDOOR AIR CONTAMINANTS. IF YOU HAVE ANY QUESTIONS REGARDING THE HEALTH EFFECTS OF FORMALDEHYDE, CONSULT YOUR DOCTOR OR CALL LOCAL HEALTH DEPARTMENT.

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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