

This Tesoro LUXURY ENGINEERED PLANK (LEP) flooring has an attached pad for extra comfort & sound control.

You MUST use furniture pads under legs of all chairs & tables

You MUST follow the installation instructions below.

Tesoro™ Uniclic™ Luxury Engineered Planks (LEP) Installation Guide for OakSong, LuxWood, Luxwood XL and Velluna series.

PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION



FIGURE 2

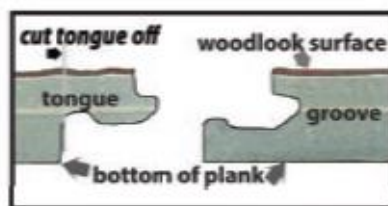


FIGURE 3



FIGURE 4

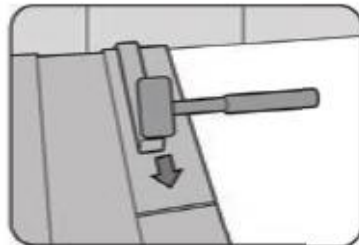


FIGURE 5A

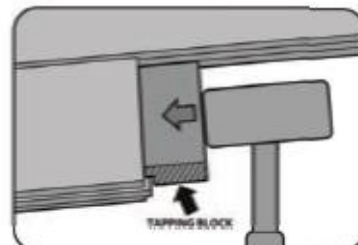


FIGURE 5B

TOOLS REQUIRED

• Utility Knife • Tape Measure • Straight Edge • 5/16" Spacers • Hammer & Tapping Block

PRIOR TO INSTALLATION

• **Tesoro™ LUXURY ENGINEERED PLANKS (LEP)** are a high quality, polymer core flooring that if maintained well, will last for many years. It needs to be protected properly, as with other floor covering, because it can be scratched or dented, if not cared for as instructed. Scratches may be caused by pets, furniture, appliances, dirt & rocks from shoes, and many other types of abrasive items. All furniture **MUST** have furniture pads (floor protectors) under all furniture legs. Rolling chairs **MUST** have a protective chair pad.

- Allow for 5-10% waste from installation and cut pieces.
- Carefully check flooring material for any defects. Contact your supplier immediately if any defect or damage is found.
- Remove quarter round, baseboard molding or cove base.
- You can leave existing baseboards and use quarter round to cover required 5/16" perimeter gap

- Undercut doorway moldings to the thickness of the flooring and leave 1/16" extra space for free floor expansion
- Always store cartons horizontally on a smooth, solid, flat, clean surface.
- Air Conditioning must be on 24 hours prior to install & maintained at range 65-80 degrees F.
- Remove all furniture and appliances from room.
- Follow concrete slab testing instructions below.
- Do not stack higher than ten cartons & do not stack anything on uninstalled planks
- Mix in and install planks from several different cartons during installation to insure a random appearance
- Install kitchen cabinets BEFORE installing Tesoro™ Luxury Engineered Planks (LEP)
- Do not install base cabinets or island cabinets on top of the floor
- Avoid exposure to long periods of direct sunlight. Adjust blinds during peak sunlight hours.

*** Tesoro™ LUXURY ENGINEERED PLANKS (LEP) are resistant to water damage, but do not prevent the transmission of moisture. Moisture should not be allowed to collect on either side of the vinyl flooring to prevent the growth of mold and mildew***

RECOMMENDED USE

- Residential and light commercial applications
- Interior use only in climate controlled environment between 65F – 80F only
- Not for use on ramps or with any type of rolling loads
- Do not install planks over floors that are sloped for drainage.
- Any uneven areas in the subfloor greater than 1/8" in 6' radius should be spot-leveled with an approved leveling compound, so it is flat according to ASTM F710 standards.
- UNDERLAYMENT PAD - Please use only approved underlayment pad no thicker than 1mm

WOOD SUBSTRATES FOR TESORO LUXURY ENGINEERED PLANK (LEP)

Wood floors must be double construction with a minimum thickness of 3/4", free from spring / deflection. Top layer of plywood shall be 1/4" minimum thickness underlayment grade plywood. Recommended 2mm subfloor underlayments include APA Underlayment Grade Plywood A-C, B-C or C-C plugged, ACCUPLY, SurePly, TECPLY, ULAY, C.S.A. (CanPly) and Proboard. Joist spacing should not exceed 19.2". Use nail set for fasteners exposed above surface. Fill and caulk gaps wider than 1/8" wide.

CONCRETE SUBSTRATES

Tesoro™ LUXURY ENGINEERED PLANKS (LEP) may be installed over on grade, above grade, or below grade concrete subfloors. Concrete floors shall be constructed in accordance with the American Concrete Institute (ACI) 302.1 Guide for Concrete Floor and Slab Construction. Concrete shall be finished and cured according to ACI and have a minimum compressive strength of 3500 psi. Installation of moisture vapor barrier is recommended prior to pouring of on or below grade slabs. The concrete subfloor must be prepped according to ASTM F710 standards, so it is clean, dry, smooth, and flat. **Then a moisture test throughout the jobsite MUST be conducted according to ASTM F2659 prior to installation. You MUST record with pictures 8 moisture readings every 1,000 SF and moisture content (MC) readings should not be above 4%.**

Refer to Tramex Quick Check video as an example <https://www.youtube.com/watch?v=2eTgxb6Bloo> . If moisture readings are above industry standards, additional moisture mitigation may be needed. **Before any floating floor**

installation, you MUST use a 6 mil polyurethane moisture barrier on top any concrete subfloor, seams MUST overlap 6” and be taped, to mitigate against any possible future, natural or unnatural, moisture issues. Tesoro™ LUXURY ENGINEERED PLANKS (LEP) may be installed over gypsum based underlayments. Refer to the Resilient Floor Covering Institute Website at: <http://www.rfci.com/images/pdf/rfcirecommended9-04.pdf>

EXISTING FLOORS

Tesoro™ LUXURY ENGINEERED PLANKS (LEP) may be installed over most smooth, single layer, hard surface existing flooring (tile, ceramic, marble, and terrazzo). Existing flooring must be moisture free and in good condition. Check existing flooring for any curled areas around the perimeter or at seams and repair if necessary. Spot-Level by using a good quality cementitious based embossing leveler to smooth and fill the existing floor or grout lines. Tile may require several skim coats to achieve a flat surface.

TESORO™ LUXURY ENGINEERED PLANK (LEP) DO NOT CONTAIN HAZARDOUS MATERIAL SUCH AS ASBESTOS OR CRYSTALLINE SILICA.

*****OLD, EXISTING FLOORS MAY CONTAIN THIS HAZARDOUS MATERIAL*****

*****WARNING: Do not sand, dry sweep, dry scrape, drill, saw, bead blast or mechanically chip or pulverize any existing resilient flooring, backing, lining felt, or asphaltic “cutback” adhesive. These products may contain asbestos fibers or crystalline silica. 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 existing 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. Follow instructions posted in current edition of the Resilient Floor Covering Institute(RFCI) publication “Recommended Work Practices for Removal of Resilient Floor Coverings”*****

SUBSTRATE PREPARATION

- All substrates must be dry, clean, smooth, and flat, free from all existing adhesive residues, and free from movement or deflection.
- The subfloor substrate must be flat to within 1/8” every 6 ft radius or 3/16” every 10 ft radius.
- Fill and level all plywood seams and concrete cracks, construction joints, control joints, depressions, grooves or other irregularities.
- Use a latex fortified, cementitious patching compound.
- Prior to installation of floor, sweep and/or vacuum substrate to remove all dust and debris.

*******PLEASE NOTE*******

TESORO™ LUXURY ENGINEERED PLANKS (LEP) are made primarily to be a floating floor and should never be nailed to the substrate. As with any floating floor, installing with spans over 80 feet in length or 80 feet in width, without use of a transition piece, will void the warranty. TESORO™ LUXURY ENGINEERED PLANKS (LEP) can be glued down with approved premium grade adhesives, according to the adhesive manufacturer’s directions.

GETTING STARTED

1. Determine which direction the planks will be installed. To make the room appear larger or if installing in very small rooms or hallways, it is preferable to lay the planks parallel to the longest room dimension.
 2. Do not install cabinets on top of planks.
 3. Carefully measure the room to determine squareness and to determine the width of the last row of planks. If the width of the last row of planks is less than 2" (50mm), excluding the tongue, the width of first row of planks will have to be cut accordingly.
 4. A minimum 5/16" (8.2mm) expansion space is required around the perimeter of the room and all vertical objects (i.e. pipes and fixtures).
 5. **Inspect all Tesoro™ LUXURY ENGINEERED PLANKS (LEP) for visible defects and damage before and during installation. Do not install damaged planks.** IWT Tesoro will not accept responsibility for claims on flooring installed with obvious defects. During installation, inspect the groove area and remove any debris that may prevent proper assembly of planks.
- INSTALLATION CONSTITUTES ACCEPTANCE.

INSTALLATION

- Begin installation parallel to the long dimension of the room, preferably parallel with the light sources (windows and doors) (see figure 1). Snap a chalk line at the starting point to maintain alignment. Mix in and install planks from several different cartons during installation to insure a random appearance
- Install planks from the left side of the starting wall and work to the right side. If starting with a full width plank, the tongue must be removed (figure 3). To trim planks, use a Utility knife and a straight edge. Score the top surface of the plank, flex it downward to separate pieces. The tongue side of the plank always faces the starting wall. Place 5/16" (8.2mm) spacers between the short and long side of the planks and the wall. Always position one spacer between the wall and where the planks join.
- The end joints of the planks in the first row are assembled by gently overlapping the tongue side over the groove side of the previous plank. Gradually lower the plank down flat, until the end joint closes. Make sure that the planks are perfectly aligned. Install remaining full planks in the first row.
- The last plank in the first row may need to be cut. Measure the distance between the wall and the surface of the last full plank. Subtract 5/16" (8.2mm) from this measurement to allow for the spacer. If this measurement is less than 8" (20.3cm) in length, trim first plank and last plank, each no less than 8". Planks are cut using a mitre saw or sharp utility knife and straight edge or carpenter's square. Score the surface of the plank with a utility knife, and then snap the plank at the score line.
- The remaining piece cut off from the last plank in the first row may serve as the first plank in the second row provided it is at least 8" (20.3cm) long. Always stagger end joints from row to row a minimum of 8" (20.3cm) (see figure 1).
- Install the long side of the first plank of the second row. Remember to place a 5/16" (8.2mm) spacer between the wall and the short side of the plank. Insert the long tongue side into the long groove side of the previous row at a low angle and lower flat to the substrate. Tap with tapping block if needed.
- Install the second plank of the second row. Position the long side of the plank with the tongue side overlapping the groove of the planks in the previous row approximately 1/8". Then, angle the end joint into the previous plank. Angle the plank down and gently push in until the plank locks into the previous row (see Figure 2). Continue installing remaining planks in second row. It

is important to make sure that the first two rows are straight and square or this will adversely affect the entire installation (figure 1)

- Continue working from left to right, row by row. Be sure to maintain a 5/16" space around all walls and vertical objects and maintain a random appearance. Offset end joints a minimum of 8" (20.3cm).
- Tesoro™ LUXURY ENGINEERED PLANK (LEP) are glueless so they can also be installed with a pull bar or tapping block and hammer in difficult areas, such as the last row, and when fitting around door trim. Use a pull bar and hammer to lock the joints together in the last row. Always use a pull bar on the cut edge of the plank. Factory edges can be damaged if the pull bar is used directly against them (figure 5 A and B).
- When fitting around door trim it will be necessary to slide the plank under the trim. And there needs to be a 1/16" clearance under the door trim for expansion. This can be accomplished easily by starting the row on the side of the room with the door trim and then sliding the plank into place once it is attached. The row can be completed by inserting the tongue in to the groove or the groove into the tongue depending on the direction. A special Uniclic™ approved tapping block and pullbar can also be used to lock the joints together while the planks are in a flat position. Use a series of light taps until the joint is gradually locked together (figure 5A and 5B).

FINISHING THE INSTALLATION

- After all planks have been installed, remove spacers from perimeter of room.
- Install transition moldings. Do not fasten any moldings through the flooring.
- Pre-drill and install quarter round or baseboard molding. Molding must be sufficient size to cover the 5/16" (8.2mm) space. Do not fasten moldings through the flooring. Fasten them into the wall.
- All baseboards, quarter rounds and door trims MUST have 1/16" clearance to allow for expansion.
- You cannot caulk baseboards, quarter rounds and/or door trims – caulk prevents floor expansion.
- Use plywood to cover the top of the flooring when moving heavy furniture or appliances into position.
- **You MUST use proper floor protectors under the legs of all chairs and all furniture.**
- Post installation temperature must be maintained between 65° and 85°F. Relative humidity must be maintained between 40% and 70%.

BATHROOMS

When the Tesoro™ LUXURY ENGINEERED PLANK (LEP) are installed in a bathroom, the flooring can be glued down with an approved adhesive & laid under the toilet, only if the glued floor is separated from the floating floor in the adjacent hallway or rooms, with a doorway threshold, like a T-molding. If you are floating the floor, it should be installed around the toilet leaving a 5/16" expansion space. Use a high quality 100% silicone caulking to fill the expansion space at the tub, shower and all wet areas to prevent surface water seepage under the floor.

STAIRS

Tesoro™ LUXURY ENGINEERED PLANK (LEP) planks can be installed fully adhered over steps, using a high-quality luxury vinyl plank adhesive. Follow the instructions on the adhesive for trowel size and drying time. Always use a flush stair nose molding to finish each step at the nose. Use Landing Stair Tread on Landing Stairs.

FINISHING THE JOB

Remove all spacers. Install wall trim lightly over the floor surface. Drive fasteners into the wall and not the floor. When installing transitions or moldings, do not interfere with the free movement of the floating flooring – allowing for minimum of 5/16” floor expansion everywhere - do not squeeze flooring with transitions or wall base – allow 1/16” gap above floor. Do not caulk baseboard or moldings. Return appliances to the room by rolling or sliding over a good floor protector, to prevent damaging the floor.

FLOOR CARE

- Frequently moved furniture should be equipped with coasters to avoid scratching the floor. Do no drag or slide heavy furniture and appliances. All heavy objects should be equipped with non-staining large surface floor protectors. Furniture with wheels **MUST** have protective floor pads underneath. Do not use ball type castors chairs without protection as they can damage the floor.
- Do not use wheel chairs on the floor, especially mechanized wheel chairs.
- **All rolling furniture or chairs MUST have a protective floor pad under wheels**
- Use walk off mats at entrances to prevent dirt and grit from being tracked on to the floor.
- Make sure pets have nails clipped regularly.
- Sweep or vacuum the floor regularly to remove loose dirt using soft bristle attachments. Avoid using a vacuum with a beater bar.
- Clean up spills and excessive liquids immediately.
- Use damp Wrung-Out mop as needed using clean water and a diluted vinyl floor cleaner recommended for no-wax vinyl floors. We recommend the BONA™ line of products. Do not use harsh cleaners, chemicals, bleach, or wax to maintain the floor.
- Avoid exposure to long periods of direct sunlight. Close blinds or drapes during peak sunlight hours

Tesoro™ is a trademark of International Wholesale Tile LLC (IWT) .
LEP is a marketing name covering all of IWT's LVP Rigid Core series
Unilin™ and Uniclic™ are names licensed under Unilin Flooring, LLC.

For further information, visit our website @ <http://www.internationalwholesaletile.com/>
Follow all directions & take care of your new beautiful floor so you will enjoy it for years to come!

Important!

INSTALLATION CONSTITUTES ACCEPTANCE – so inspect all material carefully before installing it.

WARRANTY

Tesoro™ LUXURY ENGINEERED PLANK (LEP) is covered by a Limited Lifetime Residential Guarantee and a 15 year Limited Light Commercial Guarantee.

Both warranties are governed by what is considered “**normal ever day use and normal every day care**”. For example – water leaks or excessive water vapor, above

or below the floor are not considered normal and thus not covered. These damages should be addressed through your homeowner's insurance.

The factory warrants that the finish layer of engineered vinyl will not wear through under "normal foot traffic". 'Wear Through' is defined as surface that has been worn to such an extent as to expose and damage the core material. This 'Wear Through' must be present in over 5% of the total installation. Each piece must be visually inspected with good lighting before installation. Installation constitutes acceptance.

WARRANTY EXCLUSIONS AND LIMITS:

- Products that were determined to be defective or damaged resulting from improper delivery or improper installation will not constitute a valid claim under this Limited Warranty.
- Damage caused by vacuum cleaner beater bar, indentations or damage caused by spiked heeled shoes, rolling loads, caster wheels, chairs or other furniture without proper floor protectors under ALL legs and cuts from sharp any objects are not covered.
- Any Exterior application is not covered.
- Changes in color or sheen from exposure to sunlight or due to use of rubber-backed mats or rugs.
- Defects caused by extended exposure to UV light.
- Noncompliance with installation instructions and maintenance guidelines as recommended by IWT. Floor covering installed in inappropriate locations or installed using inappropriate methods.
- This limited warranty does not apply to moisture damage caused by flooding or events beyond everyday household spills.
- Warranty covers the original owner occupant and is not transferable
- All of these LIMITS apply to the 15 year Light Commercial Warranty as well.
- For Care & Maintenance please visit <https://internationalwholesaletile.com/resources/#maintenance>

PRORATION OF WARRANTY PERIOD

The Limited Lifetime Warranty period is prorated for replacement of material only or credit according to a set formula as follows:

- **Year 1-5:** 100%
- **Year 6-11:** 80%
- **Year 12-19:** 50%
- **Year 20+:** 20%

ALL PRODUCTS SOLD ARE COVERED ONLY BY THIS LIMITED LIFETIME WARRANTY. THE COMPANY HEREBY DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY, ANY AND ALL IMPLIED WARRANTIES THAT MAY ARISE FROM COURSE OF DEALING OR USAGE OF TRADE, AS WELL AS THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

DAMAGE OF ANY KIND IS NOT CONSIDERED WEAR, AND NOT COVERED BY THIS LIMITED WARRANTY.

Detailed information can be found at www.iwttesoro.com or Find more warranty info at <https://internationalwholesaletile.com/resources/warranty/>

Important!

INSTALLATION CONSTITUTES ACCEPTANCE – so inspect all material carefully before installing it.

Warranty Registration Link

Please use the following link to register your floor for the Limited Warranty
<https://internationalwholesaletile.com/wp-content/uploads/2023/10/Limited-Lifetime-Warranty-reformatted-002-003.pdf>

AS IS

Any product sold second choice, close-out, discontinued or in “as-is” condition with no returns is not covered by this warranty.

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