

150 x 745 mm



Installation instructions



Instrucciones de Instalación

Before You Start/ Preparations

Please read all the instructions before you begin the installation. Improper installation will void warranty.

Important notice

After installation, make sure to keep the room within a temperature range of 55°F to 85°F and a relative humidity range between 30% and 65%. Excessively high or low temperature and relative humidity may cause this product to expand or contract and lead to visible defects of the floor that will not be warranted.

Variations in color, tone, grain patterns and other are naturally occurring characteristics of hardwood. Different production runs may have slight color and gloss variations. It is best to purchase all the flooring that is needed at one time to minimize variations within the flooring. For the best result, make sure to always work from 2 to 3 cantons at a time and mixing the planks during the installation. This will result in a more natural looking floor.

Do not mix flooring with different model/item/SKU numbers together in the same installation as flooring with different model/item/SKU numbers are not intended to be installed together.

This flooring has a pre-attached underlayment. This flooring is approved for use with Sentinel Protect Plus or Sentinel Protect Infinity underlayment with built in vapor barrier. A 6-mil poly-film moisture barrier is required over concrete when not using Sentinel Protect Plus or Sentinel Protect Infinity underlayment with built in vapor barrier. The use of the Sentinel Protect Plus or Sentinel Protect Infinity underlayment under the product is warranted for residential applications only (e.g. individual houses and condominiums (residential unit only)). Do not use any additional underlayment in commercial applications (e.g. industrial areas, commercial foyers, restaurants, etc.) or areas with heavy rolling loads. Using additional underlayment in commercial applications such as these will void the warranty. Do not install this flooring over carpet.

- Calculate the room surface prior to installation and plan an extra 10% of prepare a 10% additional de planchas para cortes residuales.

- En la mayoría de los casos, este producto no requiere acclimation. However, if the boxes of flooring were exposed over 2 hours to extreme temperatures (Under 50°F or over 100°F) within the 12 hours before the installation, acclimation is required. In this case, keep the boards in room temperature for at least 12 hours in unpacked package before you start the installation. The room temperature must be maintained consistently between 55°F to 85°F at 30-65% relative humidity before and during installation.

- For floor surfaces exceeding 4000 ft and/or lengths exceeding 66 ft, use expansion moldings.

- Do not install cabinets or fixed objects on top of the flooring. Proper expansion space (1/2") is required. Undercut all doorjambes.

- If this flooring is intended to be installed over an existing floor, repair any loose boards or squeaks before you begin the installation, and all other subfloor requirements have to be met. Non-approved Subfloors: Carpeting/Carpet pad, existing cushion-backed vinyl flooring; floating floor of any type, loose lay, and perimeter fastened sheet vinyl; hardwood flooring and wood subfloors that lay directly on concrete, or over dimensional lumber or plywood used over concrete. Remove non-approved floors and remove old adhesives prior to installation.

- Subfloor should be flat and level within 3/16" over a 10' span. If necessary, grind high spots down and level low spots with an approved leveling compound. Refer to the leveling compound's manufacturer instructions for additional guidance.

- The subfloor must be clean and dry. Although this floor is waterproof, it is not a moisture barrier. This product is also not to be installed in areas that have a risk of flooding such as saunas or outdoor areas. Concrete subfloors must be fully cured to the correct moisture content, and should have minimum 6-mil poly-film as a moisture barrier between the concrete subfloor and the flooring.

- All concrete subfloors must be tested, and the results documented for moisture content in different areas. Following tests are acceptable for moisture testing:

Tramex Concrete Moisture meter: Use a calibrated meter and follow the manufacturers instructions. The moisture reading should never exceed 3.5% (% MC) for concrete and 0.3% for gypsum (CM Anhydrite scale)

Polythet test: To test for moisture, apply a 3' x 3' (1 m x 1 m) piece of polyethylene film to the subfloor, ensuring all edges are completely sealed with water-resistant tape, and place a heavy weight on top. Leave it in place for 24 hours. If the subfloor darkens, shows discoloration, or condensation forms on the underside of the film, this confirms the presence of moisture and additional measurements with a Calcium Chloride or RH test are recommended. The floor should not be installed until the issue is resolved.

- Decide the installation direction. It is recommended to install the length direction of the planks parallel to the main light direction.

- Measure the area to be installed: The board width of the last row shall not be less than 2". If so, adjust the width of the first row to be installed. In narrow hallways, it is recommended to install the floor parallel to the length of the hall.

- Inspect each individual plank one by one before installation. No claims on visual defects will be accepted after installation.

IMPORTANT NOTICE

In-Floor Radiant Heat: Flooring can be installed over 1/2" (12mm) embedded radiant heat. Radiant heat systems must have a minimum of 1/2" (12mm) separation from the product. Maximum operating temperature should never exceed 85°F (30°C). Use of an in-floor temperature sensor is recommended to avoid overheating.

- Before installing over newly constructed radiant heat systems, operate the system at maximum capacity to force any residual. Before starting the installation, turn the heat off for 24 hours before, during and 24 hours after installation when installing over radiant heated subfloors.

- Make sure that the temperature in the room is between 60°F (15°C) and 80°F (25°C) during installation.

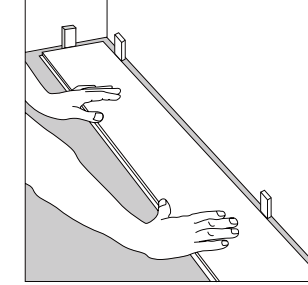
- Once the installation has been completed, the heating system should be turned on and increased gradually (5 degree increments) until returning to normal operating conditions.

- Refer to the radiant heat system's manufacturer recommendations for additional guidance.

- **Warning:** Electric heating mats that are not embedded into the subfloor are not recommended for use underneath the flooring. Using electric heating mats that are not embedded and applied directly underneath the flooring will void the warranty.

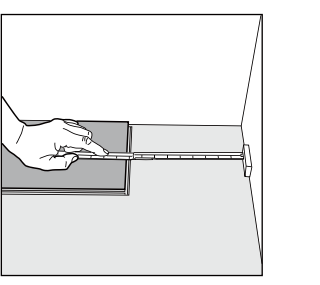
Tools and supplies required

- Spacers • Rubber Mallet • Ruler • Pencil
- Tape Measure • Utility Knife • Silicone sealant

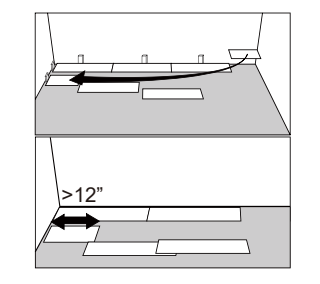


① After thoroughly cleaning the subfloor, you should begin laying in the left-hand corner. Place the floorboards 1/2" from the left wall. Use spacers between the call and floorboard

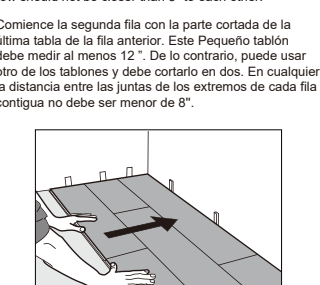
③ **WARNING: FAILURE TO PROPERLY LINE UP THE END JOINT AND ATTEMPTING TO FORCE IT WHILE OUT OF ALIGNMENT COULD RESULT IN PERMANENT DAMAGE TO THE END JOINT.**
ATENCIÓN: EL NO ALINEAR LAS PLANCHAS APROPIADAMENTE Y TRATAR DE FORZARLAS PUEDE CAUSAR DAÑOS PERMANENTES A LAS JUNTAS DEL PRODUCTO.



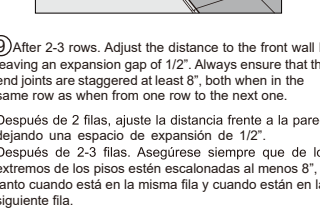
④ At the end of the first row, leave an expansion gap of 1/2" to the wall and measure the length of the last plank to fit. At the end of the first row, leave an expansion gap of 1/2" to the wall and measure the length of the last plank to fit.



⑤ Start the second row with the leftover end part of the last plank of the previous row. This small plank should measure at least 12". Otherwise, use another plank that should be cut in two. The end joint of each adjoining row should not be closer than 8" to each other.



⑥ After 2-3 rows, adjust the distance to the front wall by leaving an expansion gap of 1/2". Always ensure that the end joints are staggered at least 6" both when in the same row as when from one row to the next one.



⑦ Look the long side of the plank into the previous row and place it tight to the short end of the previous plank with an angle of 30 degrees. Drop the plank and gently press down the end with a rubber mallet so it firmly locks into the previous plank until both are at the same height. Make sure both planks are perfectly aligned. NOTE: If you notice both planks aren't at the same height or are not well locked together, please follow the disassembling instructions at the bottom of the page, disassemble and check if any debris stuck inside the lock is obstructing.

⑧ To lay the last row, position a loose board exactly on top of the last row last. Place another board on top, with the tongue side touching the wall. Draw a line along the edge of this board. Cut along this line to obtain the required width. Insert this cut board against the wall. The last row must be at least 2" wide. The spacers can now be removed.

⑨ Holes for pipes: measure the diameter of the pipe and drill a hole that is 3/4" larger. Saw off a piece as shown in the figure and lay the board in place on the floor. Then lay the sawed-off piece in place.

⑩ Coordinating moldings are available to finish the job where transition time are needed.

Hay disponibles molduras de coordinación para terminar el trabajo donde se necesitan ajustes de transición.

⑪ Door molding and skirting: lay a board (with the decorative side down) next to the door molding and as shown in the figure. Then slide the floorboard under molding.

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