



Luxury Clic Vinyl Flooring Installation Instructions

Mohawk Premium 4mm Clic Step Luxury Vinyl Planks are constructed with the patented Uniclic® tongue and groove design that locks the planks together to form a tight and durable joint. Premium Clic Step Luxury Vinyl Planks are installed as a floating floor, and adhering product to the substrate is not recommended. We continuously make technological advancements that improve product performance or installation techniques and methods. To confirm you have the most recent installation instructions, please visit our website www.mohawkflooring.com or contact Technical Services at 888-387-9881, option 3.

Asbestos Warning

WARNING! DO NOT MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES. *Previously installed resilient floor covering products and the asphaltic or cutback adhesives used to install them* may contain either **asbestos fibers** and/or **crystalline silica**. Avoid creating dust. Inhalation of asbestos or crystalline 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 previously installed 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.

Owner/Installer Responsibility

Examine flooring for color and quality prior to installation. Flooring is manufactured in accordance with industry standards. If material is unacceptable, contact the seller immediately. Undesirable pieces should not be installed. Flooring warranties DO NOT cover materials with visible defects once they are installed. Owner and Installer are responsible for final inspection of flooring quality and grade. Purchase an additional 5% of flooring to allow for cuts and an additional 10% if installing diagonally.

WARRANTY NOTE: Installer should provide owner with one carton end label from installed product and recorded moisture test results for warranty purposes. Owner should also retain carton label and invoice for their records. Excess flooring should be stored flat in a climate controlled area for repairs in the event of future damage.

Job Site Conditions

It is the responsibility of the Owner and Installer to ensure job site environmental, substrate and subsurface conditions involved meet all requirements as outlined in installation instructions prior to substrate testing and flooring installation. Manufacturer declines all responsibility for product performance or installation failure due to structural, substrate or environmental deficiencies or jobsite conditions.

- Resilient flooring installation should be scheduled after all other trades have completed their work.
- Permanent HVAC systems must be in operation for at least 10 days prior to substrate moisture testing or flooring installation and constant temperatures maintained thereafter. The temperature should never fall below 55°F for the life of the installation. Portable heaters can't provide consistent or adequate heat. Never use kerosene heaters.
- Proper acclimation of the room, substrate, flooring material and all installation accessories are critical to the success of long term flooring performance. Installation over cold substrates will interfere with product dimensions by affecting the size of the floor product and increase the potential for indentation, joint fracture or separation. The substrate temperature must be between 65°F and 85°F (18°C and 29°C) at the time of installation.
- Un-opened cartons of flooring should be stored flat and neatly stacked in the climate controlled installation area for a minimum of 48 hours prior to installation to allow product to acclimate. Open cartons just prior to installation.
- When installing flooring from two or more cartons, check the pattern, color and run (lot) numbers on the carton to ensure they are all the same. This information is listed on the exterior label of each carton. It is recommended to blend flooring from multiple cartons during installation.
- Excess flooring should be stored in a protected climate controlled environment for future repairs if necessary.



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Tools and Materials

- Carpenter square
- Utility knife
- Cutting board
- Tape measure
- In Situ RH Moisture Meter or Calcium Chloride Test Kit
- pH strips
- Distilled water (do not substitute)

May be required:

- Mohawk HydroSeal Moisture Inhibitor
- Mohawk SurfaceSeal Adhesive Encapsulator
- Mohawk PrimeCoat Primer

Suitable Substrates and Surface Materials

- FLAT – Within 3/16" in 10' radius (5 mm in 3 m) and/or 1/8" in 6' radius (3 mm in 2 m). Sand high areas or joints. Fill low areas with a high compressive strength (min. 3,000 psi) portland cementitious compound.
- DRY – Select the appropriate moisture indicator test specifically designed for use with wood or concrete subfloors. Test and record moisture content results on the last page of this document.
- STRUCTURALLY SOUND – Nail or screw any areas that are loose or squeak. Wood panels should exhibit an adequate fastening pattern, glued/screwed or nailed as system requires, using an acceptable nailing pattern. Typical: 6" (15 cm) along bearing edges and 12" (31 cm) along intermediate supports. Flatten edge swell as necessary. Replace any water-damaged, swollen or delaminated subflooring or substrate.
- Fully cured, dry concrete on all grade levels. Moisture vapor emissions should not exceed 5 pounds (ASTM F1869) or 85% RH (ASTM F2170) with a pH range between 8 and 9.
- Approved suspended wood floors and underlayment.
- Portland cement-based self-levelling underlayment and patching compounds.
- Prepared ceramic tile, marble and cement terrazzo.
- Aluminum, steel and stainless steel.
- Embedded radiant-heated substrates where the maximum surface temperature of the floor does not exceed 85F (29°C) in any area.
- Existing inlaid resilient sheet flooring consisting of a single layer, fully adhered and well bonded.
- Existing vinyl composition tile (VCT) consisting of a single layer, well bonded on or above grade level only.

Building codes establish requirements for structural support components of flooring systems which may not provide adequate rigidity and support for proper installation and performance of Clic Step Luxury Vinyl Flooring.

NOTE: Avoid subfloors with excessive vertical movement or deflection because subfloor movement will telegraph through to the finished installation. Nail or screw subfloor panels to secure boards with excessive vertical movement or deflection. If the subfloor has excessive vertical movement (deflection) before installation of the flooring, it will likely do so after installation of the flooring is complete. Our warranties DO NOT cover any problems caused by inadequate substructures or improper installation of said substructures.



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Site Preparations

Over Concrete

The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and installation accessories, must be maintained at 65°F to 85°F and the humidity below 65% for 48 hours prior to, during, and after pre-installation testing and installation. All substrate preparation and testing procedures must conform to appropriate ASTM F710, ASTM F 1869 and ASTM F 2170. Moisture levels should not exceed 85% RH or 5 lbs Calcium Chloride, and pH should read between 8 and 9. If RH exceeds 85%, use Mohawk HydroSeal to lower readings.

Vinyl tiles are resistant to water damage, but they do not prevent the transmission of moisture. Care should be taken to keep moisture from collecting on either side of the vinyl floor to prevent the growth of mold and mildew.

Over Ceramic

Remove any loose tiles and fill with appropriate portland cement floor fill. Roughen surface of tile. Fill grout joints to the level of the surface of the ceramic tile with appropriate portland cement floor fill, carefully following the floor fill manufacturer's instructions for mixing, priming and spreading material over ceramic tile.

Installation Steps

1. Determine if the starter row will need to be cut. If the first row of planks does not need to be trimmed in width, proceed. Perimeter planks should not be less than half the width of the plank.
2. Identify tongue on short side of plank. Start with tongue facing the wall, being careful to leave a 1/4" expansion space.
3. Start installation from the left side of the room and work to the right.
4. Check the groove on each plank to ensure it is clean and free of debris. To start the first row, angle the tongue of the long side of the plank into the groove of the existing row.
5. Continue to the next plank by angling the end of the new plank into the end of the existing plank. Complete the entire first row in this manner, making sure to maintain an expansion gap of approximately 1/4" from the wall.
6. Install the first plank in the second row by inserting the tongue of the long side into the groove of the plank in the first row. Shift the product down toward the end seam and slightly lift the previous plank in order to engage the end joints together.
7. Work across the length of the room, installing planks along the wall in the first row and then aligning the planks in the second row. It is critical to keep these two rows straight and square, as they are the "foundation" for the rest of the installation. Check squareness and straightness often.

Floor Protection and Initial Maintenance

1. Following installation and cleanup, protect vinyl tile by laying sheets of breathable brown kraft paper over the flooring and then a layer of plywood sheets. Leave until the work of all trades has been completed.
2. Do not start any maintenance procedures for a minimum of 5 days after installation.
3. Do not, at any time during the initial maintenance or thereafter, flood the floor with water or maintenance solutions.