**INSTALLATION TOOLS**

- Tape measure
- Utility knife
- Safety glasses
- Broom/vacuum
- Pencil
- Chalk line
- Miter saw (60 tooth Carbide-tipped circular saw blades), drill, jamb saw, and spacers.

**RADIANT HEAT**

- Surface temperature should not exceed or sustain 85°F
- Lower temperature of heating system to 60°F for one week prior to installation.

**CONCRETE SUBFLOOR:**

- 30 lb. roofing felt or vinyl tile can be used to build up (in layers) low areas on wood subfloors.
- Subfloors need to be: clean – flat – dry.

**GENERAL INFORMATION**

- This product can be installed as a floating floor or in direct glue down installation method only.
- The installer - not the manufacturer - is responsible for making sure that the site conditions are suitable for installation.
- Caution: This floor is waterproof; however, moisture intrusions from concrete hydrostatic pressure may cause the product to swell. It is recommended to test for moisture levels beneath the floor and at the exterior perimeter before installation. If conditions warrant it, 30 lb. roofing felt or vinyl tile can be used to build up (in layers) low areas on wood subfloors.
- If a baseboard is still in place, extend the undercut about 1/4" from the wall. Undercut all door casings and door jams with a jamb saw to accommodate the expansion gap of a new CCP floor. If a baseboard is not present in the room, cut back 1/4" from the wall to allow the CCP floor to expand. Board can now be installed as the last row. We recommend using a wedged spacer for a 1/4" expansion gap between the floor and all vertical obstructions (walls, door jams, pipes, staircases, posts, etc.).
- If the jobsite is not within the recommended temperature range, bring indoor climate conditions into compliance before installing this product.
- Wood flooring can expand & contract vertically up to 3/16"/24" when the seasons change. This product should be installed in areas that have constant temperature and humidity conditions. If the job site is not within the recommended range, the subfloor should be adjusted back to acceptable conditions between 50F and 100F for 24hrs prior to normal installation. This product must be installed in an area that is able to ventilate since there will be some emission from the adhesive and underlayment.
- **Warning:** Do not install in a bathroom, garage or any area with increased moisture levels as the product is not designed to be exposed to dampness or high humidity. This product can be installed in any area that is not regularly exposed to high moisture levels. If any questions arise concerning the installation of this product, consult with the heating provider for best practices and instructions on the system that will be used in conjunction with this flooring.

**BASIC INSTALLATION INSTRUCTIONS**

**GETTING STARTED**

- Preparation of planks for the starting row when installing: These planks can be installed as the first row in the room. A floating floor application: this flooring cannot be glued, nailed, screwed or otherwise fixed or attached (e.g. door stopper, closet track) to the subfloor in any way. It must have room to "float" or expand and contract within the subfloor! This option is not appropriate for floating floors! Also, never nail the first or last rows directly down to the subfloor! It is recommended that the gap between the subfloor and skirting boards is maintained at 1/4" per lineal foot of length. On wall to wall installations, installers should leave a 1/4" gap at the walls. This way, the floor can expand & contract within the subfloor during the seasons. Flairing is not recommended in areas like the kitchen, garage, or any area where moisture levels are high. If a baseboard is still in place, extend the undercut about 1/4" from the wall. Undercut all door casings and door jams with a jamb saw to accommodate the expansion gap of a new CCP floor. If a baseboard is not present in the room, cut back 1/4" from the wall to allow the CCP floor to expand. Board can now be installed as the last row. We recommend using a wedged spacer for a 1/4" expansion gap between the floor and all vertical obstructions (walls, door jams, pipes, staircases, posts, etc.).

- Use plank (on all sides) without gaps before continuing installation.

**UNPACKING:**

- IMPORTANT: Planks must be fully locked-in prior to being walked on.
- Do not use a tapping block or pull bar on the edges of this product.
- Installing product backwards or right to left will result in damaged product.
- Always install in good lighting so visual defects can clearly be seen.
- To achieve the best look, mix planks, and pull from several boxes at a time when installing.
- This product can be installed as a floating floor or in direct glue down installation method only.

**SURFACES TO BE CLEAN – DRY:**

- To remove moisture from the subfloor, allow it to dry and planks with visible defects are not installed.
- When moving furniture back on the flooring make sure to properly protect the flooring. It’s best not to walk on the flooring and placing furniture onto the flooring until the adhesive has time to cure. Omitting this curing period can cause the adhesive to fail and void the warranty.
- Glue down Install: Start the installation parallel to the longest exterior wall in the room. Apply glue to the floor. For proper coverage of the glue, use 6" of plank length on both sides. For correct application, follow the manufacturer’s instructions on the glue container. Allow the glue to cure for 24 hours before continuing to ensure the best possible installation. Then, place the planks back into the same location and lay down starting wall and the finish wall, then divide this number by the width of the flooring planks. If the result is not a whole number then round to the nearest whole number. Each row should be at least 12" long to ensure the structural integrity of the floor. You must stagger the end joints from row to row by at least 12" to ensure the structural integrity of the floor and to create a visually attractive appearance. If the jobsite is not within the recommended range, bring indoor climate conditions into compliance before installing this product.

**PRO TIPS:**

- When measuring your starting wall, measure from the finish wall of the room.
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- Use a flexible measuring tape to measure the starting or the finish wall.
- Use a straight edge to ensure accurate measurements.
- Align starting wall and the finish wall, then divide this number by the width of the flooring planks. If the result is not a whole number then round to the nearest whole number. Each row should be at least 12" long to ensure the structural integrity of the floor. You must stagger the end joints from row to row by at least 12" to ensure the structural integrity of the floor and to create a visually attractive appearance. If the jobsite is not within the recommended range, bring indoor climate conditions into compliance before installing this product.

**How to Assemble Tongue and Groove Planks**

- This product can be installed as a floating floor or in direct glue down installation method only. 
- Be sure to insulate the subfloor as recommended in the installation instructions. 
- To achieve the best look, mix planks, and pull from several boxes at a time when installing.
- Glue down Install: Start the installation parallel to the longest exterior wall in the room. Apply floating floor adhesive. 
- Use plank (on all sides) without gaps before continuing installation.
- IMPORTANT: When laying planks, stagger the end joints from row to row by at least 12" to ensure the structural integrity of the floor and to create a visually attractive appearance.

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**Clearance Dimensions:**

- Door jamb saw
- Quarter Round moldings are used to cover expansion joint from row to row by at least 12" to ensure the structural integrity of the floor and to create a visually attractive appearance. If the jobsite is not within the recommended range, bring indoor climate conditions into compliance before installing this product.

**CUTTING END-OF-ROW BOARDS**

- Mark each end of the first row before measuring. Mark from the end of the first plank as shown – offset the planks by 1/4" from each other to create a visually attractive appearance. If the jobsite is not within the recommended range, bring indoor climate conditions into compliance before installing this product.

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