

INSTALLATION INSTRUCTIONS

BEFORE INSTALLATION

MATERIAL

- Check all material for the correct color, design, and size.
- Check all material to ensure the correct quantity is available to complete the job.
- Complaints in regards to visible defects will not be accepted once the flooring is installed.
- All material should be acclimated to the installed environment.
 - Remove all boxes from pallets and separate from one another.
 - Store in a dry environment, placed on a flat, level surface.
 - Stack squarely, no more than 10 cartons high.
 - Do not store or turn on edges.

JOBSITE

- Maintain all flooring material between 65°F (19°C) and 85°F (30°C) for at least 48 hours before, during and after installation.
- The minimum temperature of the subfloor should not be under 10°C.
- The relative humidity inside the room should be between 35% and 65%.
 - Fully functional HVAC systems are the best way to ensure temperature and humidity control.
- To ensure proper conditioning, all flooring must be stored flat and kept away from direct sunlight, heaters or air vents.

SUB-FLOORS

- The subfloor must be FLAT, SECURE, and DRY. We require the use of a moisture barrier vapor protection against future water from floods and ground swell. 6 mil polyfilm is a suitable moisture barrier which should be overlapped six inches and taped at the seams. Sounds produced between the subfloor and moisture barrier are considered a subfloor issue and are not covered under the product warranty. Subfloors with high moisture trapped underneath the flooring can create pressure at the seams resulting in cupping. It can take several months for the cupping to become apparent after high moisture in the subfloor exists or flooding occurs, and such conditions are NOT covered under this products warranty.
- For a successful installation, proper preparation of the subfloor is necessary.
- The finished appearance and performance of the flooring will be determined and affected, partially, by the condition of the sub-floor.
- Sub-floor should be rigid, finished smoothly, flat, level, clean and dust free.
 - Adequate attention to this detail will prevent ridging and tunneling, bumps caused from dirt or other textures, discoloration from residual adhesives, nails or other fastening devices and/or improperly used underlayment panels, alkali deposits, mold and mildew.

UNDERLAYMENT

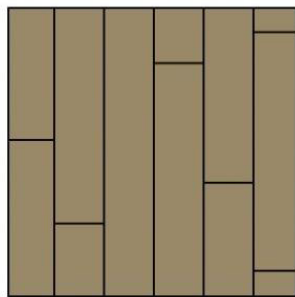
- If the sub-floor is uneven, an underlayment may be installed.

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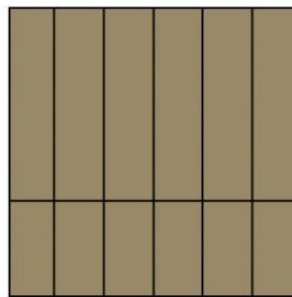
INSTALLATION

- Install the planks parallel to the longest wall with the tongue profile parallel to the wall.
- Starting installation of the product must be from the left side of the room.
If working in front of the boards, work to the right.
- To start the first row, check the groove on the plank to ensure it is clean and free of debris.
Press the end seam of the second plank into the end seam of the first plank and lock them together by laying the plank down. Complete the entire first row in the same manner, maintaining an expansion gap of approximately ¼” from the wall.
- Also make sure a distance of 5mm to all fixed objects in the room, ex. pipe passageways, doorframes, etc.
The maximum area that can be installed without an expansion joint is 10m x 20m. A section length of approximately longer than 12.5m should have an expansion joint installed. If the temperature is higher while using than the temperature when installing, apply a little smaller area and shorter length than usual for the standard expansion joint.
- The first plank of the second row should be installed by inserting the long side tongue into the groove of the plank in the first row. This is the optimum way with a low angle of the plank. Install the second plank in the second row by aligning the end seam of the plank directly above the end seam of the preceding plank. Insert the long side seam at a slight angle first and as the top surfaces meet, rotate the plank down into the locked position.
- The planks should be staggered a minimum of 10”. Stagger equal to half of a plank.

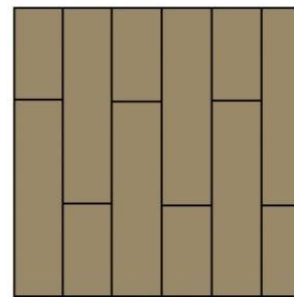
WHAT STAGGERED JOINTS SHOULD & SHOULDN'T LOOK LIKE



EVEN DISTRIBUTION WHICH PROVIDES A NATURAL LOOKING FLOOR



THE PLANKS ARE TOO EVENLY LAID. INCORRECT FITTING



THE PLANKS ARE TOO EVENLY LAID. INCORRECT FITTING

- 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 crucial to keep these two rows straight and square. These rows are the ‘foundation’ for the rest of the installation. Check the squareness and straightness often.
- Cut the last plank in the second row and leave an expansion gap of around 6-8mm. Planks may be cut with a utility knife using the ‘score and snap’ technique. The balance of this plank may be used to start the third row if it’s a minimum of 15cm in length.
- Continue to install the planks, making sure to achieve a random appearance with end pieces of minimum 15cm. Check that all planks are fully engaged; if a slight gap is found, tap together using a tapping block and a scrap of flooring to cover the tapping block. This will prevent damages to the planks.

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- When fitting under door casings, etc, a flat bar may be used to assist in locking the planks. If needed, remove the locking profile on the groove in order to slide the plank into place and apply seam sealer or equivalent to the edges to glue planks together.
- When fitting around obstacles or into irregular spaces, the plank can be cut using a utility knife with a sharp blade. It is beneficial to make a cardboard template of the area and transfer this pattern to the plank.
- Protect all exposed edges of the planks by installing wall molding and/or transition strips. No plank should be secured in any way to the sub floor.
- Protect the plank installation from exposure to direct sunlight.
- Installation in wet areas, such as bathrooms, use caulk at the perimeter of the floor with a silicone caulk.
- If spacers were used for the expansion gap from wall, please remove and install molding pieces.

i4F Drop-Lock Technologies - How to install and disassemble a vinyl floor - YouTube

POST INSTALLATION

- Use walk-off mats without rubber backing to control grit.
- Use furniture glides and protectors to prevent scratching and indentations.
- Rolling chairs should have castors designed for resilient flooring.
- Do not wet-wash or scrub the floor for a minimum of 7 days following installation.
- If installed with under-floor heating, the heating must be switched off for 48 hours before and after installation (the maximum permitted surface temperature is 80°F (27°C)). Once the floor has been installed and allowed to acclimate for 24 hours, the underfloor heating must be gradually increased by increments of 5°C until it reaches the maximum operating temperature of 80°F (27°C) over a period of at least 24 hours.