

## READ BEFORE YOU START

Pallas Hybrid Vinyl Planks are waterproof, however it shouldn't be used as a moisture barrier. Water won't affect the planks but can make damages to the house walls and structure. Therefore, all sources of moisture must be adjusted prior to the installation of the floor. Any construction dampness (such as recently laid concrete slab, or new paint) must be completely dry.

Please pay attention to the following instructions:

- Do not install in wet areas like patios and showers, or in exterior areas.
- Do not install over radiant heat.
- Do not install under permanent kitchen cabinets.
- Do not install on concrete unless it is dry.
- Do NOT install flooring with obvious visual defects.

## ACCLIMATION

- Temperature can affect Vinyl Products. For best product performance, ensure the temperature in the home is between 0 °c and 40 °c before, during, and after installation, and for the life of the flooring.
- Acclimation time is not required when the products and worksite are within the temperatures mentioned above. If it exceed the recommendations, however, products must acclimate for 24 hours.
- While Pallas Hybrid is very stable to the temperature, it may experience small gapping between planks or edge curling over time if the temperature of the room is unregulated.
- Stock boxes flat, never put pressure on the edge, and no more than eight cartons high. Keep away from direct sunlight.

## RECOMMENDED USE

- This product is recommended for residential or medium commercial interior use only.
- This flooring installs like laminate flooring. It should be floated with in-built underlayment.

## REQUIRED TOOLS

Tape Measure, Utility Knife, Jig saw, Tapping Block, White Mallet, Wall Spacers, Chalk Line, Hammer, Pencil, Safety glasses, Dust Mask. Other accessories: Scotia, Trims, Broom or Vacuum....

## INSTALLATION PREPARATIONS

- Installation should comply with Australian Standard AS1884:2012.
- Exam the products to ensure the color, finish, sheen, and quality. Always install in good lighting so visual defects can clearly be seen and discarded prior to installation.
- All other construction work should be completed prior to the installation of this product.
- It is recommended to have an additional box left over after installation, to be used for repairs if needed.
- For the best overall appearance, select planks from several boxes at a time when installing.
- A waste factor of at least 5% -10% for cutting is recommended per order. Diagonal installation may require 15% to 20%.
- Provide a 10mm expansion gap between the walls and floor, all around the perimeter of the floor and round any fixed objects. For areas 15 meters wide or more, a gap of 15mm must be allowed.
- Areas greater than 20 meters in any one direction must be broken by expansion breaks between planks in the floor, typically at doorways or hallway entrances. These gaps are commonly covered with T-molding (Scotia).
- This is good procedure incase 1 room needs repair at a later date.
- Big windows and sliding glass doors should have proper cover to prevent direct sunlight to the flooring.
- When moving furniture and heavy equipment on the flooring, use cardboard, plywood, or other similar covering to protect the floor.
- Moldings are needed to cover the expansion gaps along walls, and when the floor edges transition to other floor coverings (carpet, tile etc.)
- Pallas Hybrid is waterproof. However, in the event of a flood or significant water leaks, the planks should be removed to allow the subfloor to thoroughly dry before reinstalling.

## SUBFLOOR REQUIREMENTS

*All Subfloors must be:*

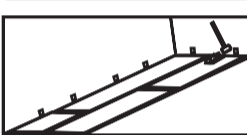
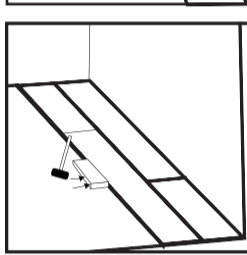
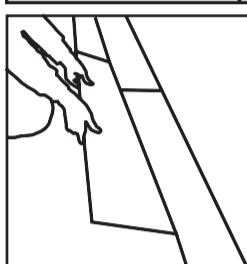
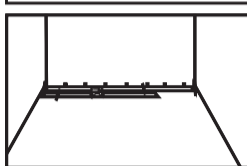
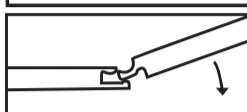
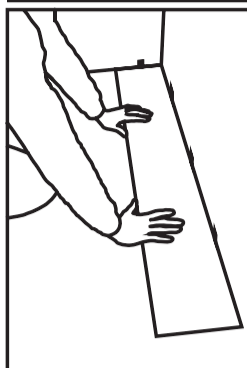
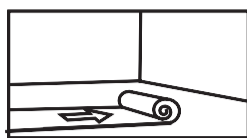
- Dry and clean
- Structurally sound
- Be flat with 3mm over a 180cm span, and 4.7mm over a 300 cm' span. Wood subfloors must be dry and not exceed 12% moisture content. Screw down loose or squeaky sections and replace the areas that are damaged. Keep the floor clean and free of protruding fasteners and debris. Level the floor if required.

### Concrete subfloor

Pallas Hybrid is waterproof, however, moisture intrusions from concrete hydrostatic pressure, flooding, or plumbing leaks, along with high levels of alkalinity, can affect floor covering over time. Moisture can also be trapped below the flooring and create mildew or mold. The installer-not the manufacturer-is responsible for making sure that site conditions, concrete moisture, and alkalinity are at suitable levels prior to installation of this floor. Concrete subfloors must be fully cured, at least 90 days old. A 6-8mil polysheeting with all seams completely taped is recommended to protect the floor from moisture.

This floor may be floated over exiting clean, flat, dry and well-secured tile flooring and hardwood flooring. Do not install this floor over existing carpet flooring, cushioned vinyl flooring, or existing floating wood and vinyl floors.

## INSTALLATION STEPS



**1.** Remove any existing quarter round, shoe moldings and doorway transitions. Check that all doors will swing open with adequate clearance over the new flooring. Undercut all door casing and door jams with a jamb saw to allow the flooring planks to slide under the doorjamb. If a baseboard is still in place, extend the undercut about 25mm beyond the door casing. Important: Do not cut metal door frames! To find the height to cut the jamb, lay a scrap piece of flooring (and underlayment) next to the doorframe, and lay the saw blade on top.

**2.** Begin laying planks on the left side of the starting wall and work from left to right. The tongue side of the plank will face the starting wall, with the groove side facing out.

**3.** Use spacers to achieve 10mm expansion gap. It is important to have your starting row perfectly straight and properly supported against your starting wall. Be sure to place spacers adjacent to each plank joint. Always place spacers at the beginning and end of each row as well. This will lock-in assembled panels and prevent shifting during installation. Always allow a 10mm gap around all other fixed objects including upright pipes or other fixtures.

**4.** Start the first row using a full plank. The second row with 1/2 of a plank. Then the third row with 1/3 of a plank. This pattern can be repeated to ensure a good stagger of joints. The minimum spacing between seams is 300mm.

**5.** When laying out planks, always stagger the end joints from row to row by at least 30cm to ensure the structural integrity of your floor and a pleasing appearance. Work from different cartons of planks to minimize clustering of patterns. Pay attention to avoid "stairstep" or "H-patterns" appearing in the flooring. Continue installing planks in this manner until room is completed.

**6.** Lay the first plank in the left-hand corner, up against the spacers, with the groove side facing toward you. Install the second plank by inserting the tongue of the short end of the plank. Press the second plank down flat. Use a white non-marking rubber mallet if needed for the short end drop lock installations.

**7.** The last board in each row must be cut to fit, while still maintaining a 10mm expansion gap at the walls.

**8.** Angle the first plank on second rows at 45° and insert the long side into the groove edge of the first row. Lower the plank down until the joint closes. Install the second plank in the second row by inserting the long side first, making sure the short side is lined up. Then slowly lower the short end until they connect, using a white rubber mallet if need be. This is commonly called the drop-lock system. Continue this system along all rows throughout the installation till you reach the last row.

**9.** The last row may need to be cut lengthwise to fit.

## AFTER INSTALLATION

After all transition pieces (moldings, trims, etc.) have been installed, you can clean all the debris and trash away. You can sweep, dust-mop or vacuum your floor. DO NOT use plastic film or other non-breathing coverings as this can cause the floor damaged from humidity buildups. You are encouraged to save extra material with label and store it in a climate controlled space just in case is needed for repairs.

### Care and Maintenance

- Properly protect the flooring before moving furniture back into place. Use felt protectors on furniture legs. Caster wheels should have wide rubber casters.
- Use proper cleaners for cleaning the floor.
- Avoid sun exposure to the flooring for long time. Close blind and drapes during peak sunlight hours. Excessive heat can cause expansion and warping the product.
- Use walk-off mats at entrances to prevent grit and dirt from being tracked on the floor.
  - Sweep or vacuum the floor regularly. Use a vacuum designed for hard surface floors that does not have a beater bar. Or, the beater bar should be turned off.
- Do not use polishes, waxes, harsh chemical or abrasive cleaners on this floor.
- Wipe up spills immediately with a damp cloth.

## Pallas Hybrid 25-YEAR RESIDENTIAL STRUCTURE WARRANTY / 10-YEAR LIGHT COMMERCIAL STRUCTURE WARRANTY

These warranties apply only to the original purchaser and to flooring in its original installation.

Warranty starts from the date of purchase. You are required to keep the original receipt to be used as a proof of purchase when claim. Installation needs to be done professionally.

We warrant to the product

- Will not contain manufacturing defects.

• Structurally well\*.

This warranty is not authorized to be altered by any other parties or person and is not transferable.

We don't cover

- Damage caused by improper installation. (Please refer to the installation instructions for requirements)
- Damage caused by not following the maintenance, use instructions, including the temperature and storage requirements (for example, exposure to excessive sunlight or moisture areas)
  - Damage caused by fire, flooding, use of strong chemical, accidents, intentional abuse or natural disaster.
- Damage caused by using vacuum, caster wheels, scratching from sharp objects, loss of gloss. We recommend using flooring protectors to avoid hard scratch.
- Construction damage after installation.

\*Conditions: By time, normal wear and fade is allowed.