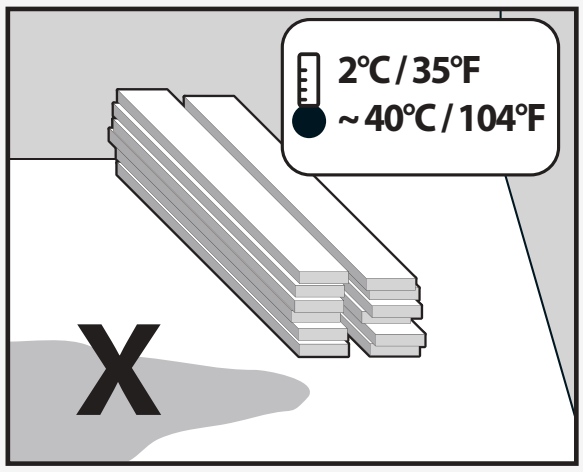
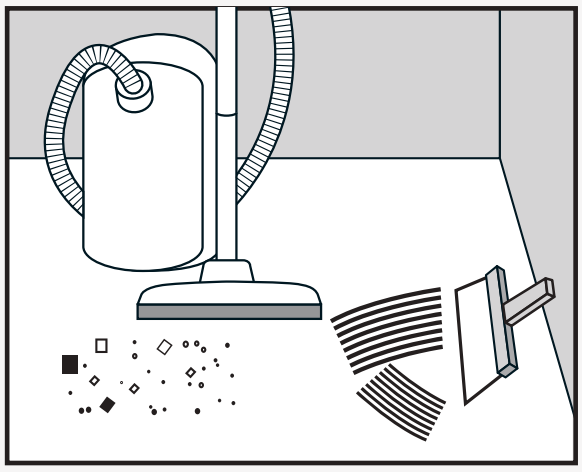


Cartons should be stored and transported on flat surface in neat stacks, always store the cartons flat and never put them on-end.
Do not store the cartons in very cold (less than 2°C/35°F) or very warm (more than 40°C/104°F) or humid places.
Do NOT install onto the following surfaces.
-Surfaces contaminated with grease, oil, chemicals or other compounds
-Floating floor materials such as SPC, WPC, laminate or any other prior installed floors.
-Plywood which has been laid directly onto a concrete slab or is delaminating.

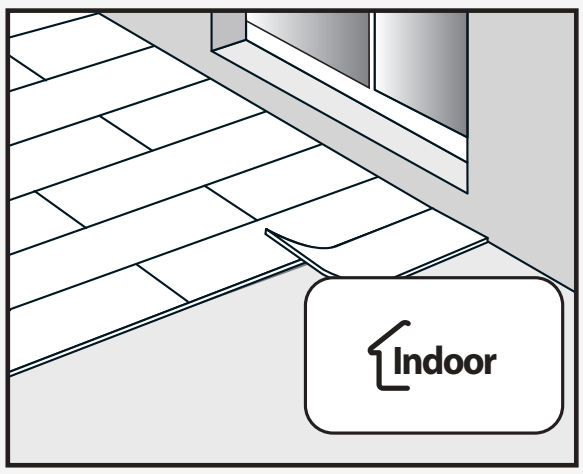


The subfloor must be hard, smooth, clean and dry, as well as being free from defects and fit for purpose. When required, scrape off and remove old adhesives and loose lay-ing leveling compound. Make sure the subfloor is flat and free from chemical substances and other contamination.

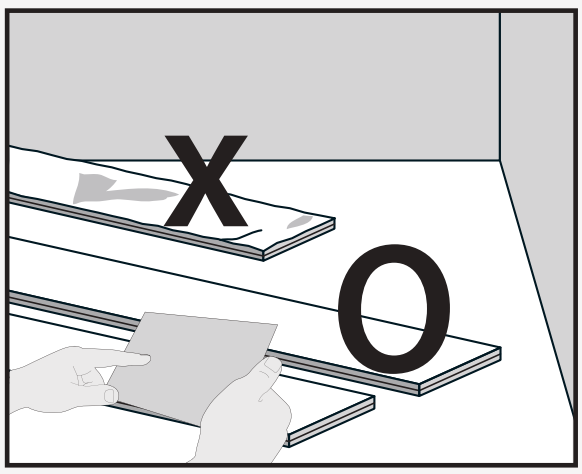
PERN SURFACES

LVT Installation Guide

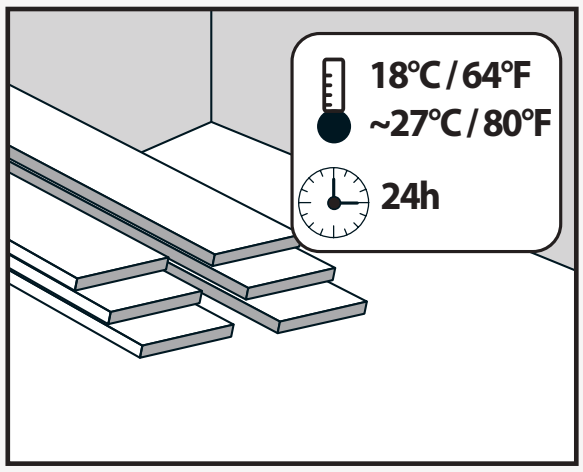
For **PERN surfaces LVT**



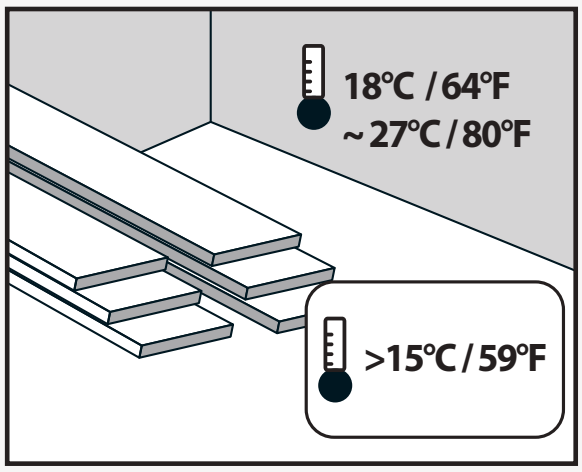
Product is only suitable for indoor installation.



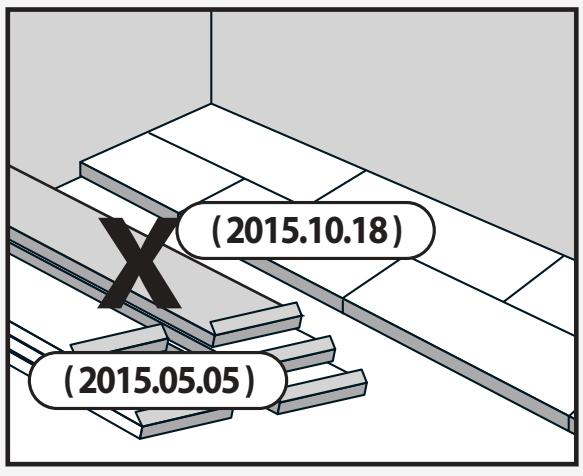
Please check proudct in box pakaging to make sure you have the right specification ordered, the color and quantity. And, please ensure there are no obvious defects or damages on products and even packaging materials such as boxes and palltes before starting the installation process.
During installation, please reinforce to check if there are any visible defects on product. Do not install any planks or tiles that display any imperfections.



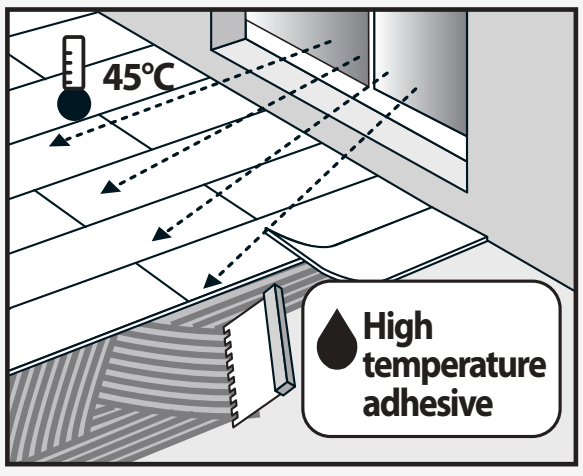
Product must be acclimatized to room temperature in installation floor area for at least 24 hours prior to installatoin, or until such time as the product has adapted with an ambient temperature. Again, this is a minimum temperature of 18°C/64°F and a maximum of 27°C/80°F.



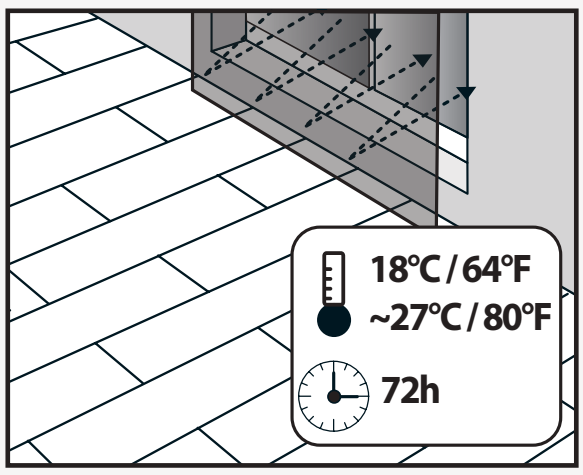
Product should be installed with a room temperature of between 18°C/64°F and 27°C/80°F and a floor temperature of above 15°C/59°F.



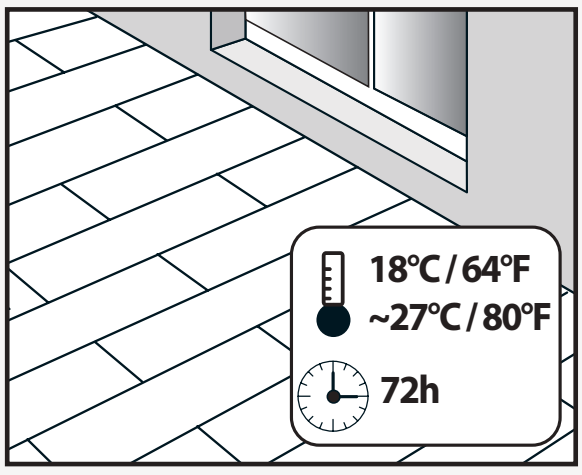
We recommend that you always use materials from a single production batch for each installation, as shade cannot be entirely matched between different batches.



In areas that may be subject to excessive direct heat 45°C/113°F or above (e.g. fully glazed sun facing conservatories) the floor must be installed with high temperature adhesive.



It would also be advisable to shade windows to avoid direct intense sunlight. This should help to provide a constant temperature during the acclimatization period the installation and 72 hours after the installation.



It is particularly necessary to keep the temperature in conservatories at a constant temperature between 18°C/64°F and 27°C/80°F prior to, during, and for 72 hours after installation.

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PERN SURFACES

LVT Installation Guide

For **PERN surfaces LVT**

OVERVIEW
When properly installed, 4.5mm and 5.0mm LVT will not contract or expand beyond the tolerance. Unlike "floating" floors such as laminate, WPC, SPC, this LVT does not have a locking system. Our LVT does not need to float to accommodate dimensional changes based on seasons, thus it does not require the traditional perimeter expansion gaps seen with other flooring types. Instead, it should always be installed flush to the room's boundaries, tight against baseboards or wall edges, with each panel and tile closely fitted across the entire floor.

PRODUCT INSPECTION
Please inspect product prior to installation. Check that the colors correspond to those ordered, the quantities are correct and there is no visible damage to the boxes. Check the vinyl planks or tiles during installation for any visible defects. Do not install any planks or tiles that display any imperfections. We recommend that you always use materials from a single production batch for each installation, as we cannot guarantee a shade match between different batches.

ACCLIMATION
For optimal installation results, it is recommended to allow our product to adjust to the ambient room temperature, ideally set between 18°C/64°F and 27°C/80°F, for a duration of 24 to 48 hours at the installation site. For more effective acclimatization, place the boxes individually on the floor or even remove the products from the boxes. It would also be advisable to shade windows to avoid direct intense sunlight. Should you opt to use an adhesive, please consult and follow the adhesive manufacturer's guidelines.

SUB-FLOOR PREPARATION
It's important to ensure the sub-floor is as level and smooth as possible before installing the planks. A thoroughly prepared sub-floor, free from any unevenness, cracks, and holes, will ensure the finest appearance of our product. Given the material's properties, our product can adapt to slight irregularities, making it more tolerant to minor surface flaws. However, for perfect sub-floor preparation, the following requirements are necessary:

- The sub-floor should be expertly fitted and built to avoid any vertical or horizontal shifts that could disrupt the placement of the planks and tiles.
- The sub-floor needs to be clean, without any dust, soil, or residues from previous sub-floor repairs or preparations.
- Use a floor leveling compound to fill any noticeable cracks and holes. Additionally, ceramic tiles will likely be grouted.
- For wooden bases, there should be at least 18 inches of clearance between the sub-floor and the ground, with all crawl spaces properly ventilated.
- The sub-floor must be completely dry. Our product should not be installed over areas with moisture signs, as it could lead to mold development under the flooring.
- Concrete that has been recently poured needs to cure for at least 28 days.
- We advise using an electronic moisture meter to accurately assess moisture levels in newly set concrete, ensuring the sub-floor is up to specification before laying the flooring, and a pin-type meter for wooden bases to achieve the same end.

PRE-INSTALLATION CONSIDERATIONS

- Product is only suitable for indoor installation.
- Expansion gaps around the room's borders or between planks are unnecessary.
- Do not install the product on unsuitable surfaces such as plywood that has been installed directly on concrete or plywood that is delaminating, pressboard, floating floors like SPC, WPC, or laminate, non-approved plywood, hardboard, screed systems, strip plank wood flooring, or surfaces contaminated with oil, chemicals, or mold.
- If installing over existing flooring, repair any damage to ensure a flat subsurface. Imperfections in the old flooring can show through over time.
- The finished appearance and ease of installation of the LVT tend to be better in more square-shaped installation spaces. Additionally, the direction of LVT installation can influence the visual outcomes.
- Equipment needed includes a broom and dustpan, vacuum cleaner, straight and square edge ruler, tape measure, razor knife or box cutter, trowel or paint roller with a long handle, and optionally, a small hand guillotine for efficient plank cutting.

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LVT Installation Guide

For **PERN surfaces LVT**

INSTALLATION STEPS

- Prepare the floor by thoroughly cleaning it.
- The product can be installed against existing baseboards or perimeter walls.
- For commercial applications, use perimeter pressure-sensitive adhesive or full-spread adhesive. Wait until it becomes tacky leaving no residue on hands before starting the installation. Pressure -sensitive adhesive is preferred for easier future plank or tile replacements.
- Begin laying planks or tiles from one corner, trimming as necessary to fit the space.
- Use cut-off pieces to stagger the pattern in new rows, ensuring no short pieces less than 6 inches start a row.
- Regularly review and adjust planks or tiles as needed due to the non-aggressive nature of the adhesive, ensuring all gaps remain tightly closed and each plank or tile is tightly aligned.
- To ensure full contact with adhesive, immediately press every plank or tile with a roller or rubbing block.
- Immediately roll each section with a 110lb/50kg(minimum) weight roller. Roll several times, in different direction, during the adhesive working time.
- It is particularly necessary to maintain a constant temperature between 18°C/64°F and 27°C/80°F at the installation site during, and for 72 hours after installation.

This document provides general guidance on LVT installation. Please note that installation methods may vary depending on local conditions, the specifics of the installation space, and the expertise of the professionals involved. It is advised to assess suitability based on these factors.