

INSTALLATION GUIDELINES

lamella
engineered

ALL PRODUCTS OF NATIONAL SELECT FLOORS ARE MANUFACTURED

AT THE HIGHEST QUALITY AND IN ACCORDANCE WITH AUSTRALIAN INDUSTRY STANDARDS.

IMPORTANT NOTICE

National Select Floors recommends installation by a professional flooring contractor or skilled tradesperson. The installation guidelines are a suggestion and are intended to help develop a plan in installing our flooring products. National Select Floors is not responsible for the installation of the product and is not responsible for damage by the installer during and after installation.

IT IS A REQUIREMENT TO INSPECT ALL PLANKS PRIOR TO INSTALLATION.

Once installed, all planks are considered accepted by the installer and/or homeowner; National Select Floors assumes no responsibility for product defects after initial installation.

PLEASE READ BEFORE INSTALLATION

If you have any concerns regarding the installation process or if the product appears doubtful in quality (such as grade, colour, finish, or appearance) please contact your flooring reseller **immediately** for review. The reseller is responsible for contacting National Select Floors for inspection and/or replacement. For any product that is deemed a manufacturing defect, National Select Floors is responsible for the **replacement of materials only**.

LAMELLA ENGINEERED

The top veneer layer of an engineered timber floor is a unique product of nature, which is characterised by variations in grain and colour. These natural variations are NOT flaws, but are a part of the natural beauty and uniqueness of real wood flooring.

- Unique characteristics include gum veins, medullary rays (tiger marks), checks, shakes, sapwood, past borer activity, knots and fillers.
- Natural features and unique characteristics are NOT DEFECTS and are an acceptable part of a genuine timber wood floor.
- This product is intended for indoor use only and is only guaranteed for use as a floor covering.
- Installation should be done using the following methods; Floating, Dual Bond (Direct Stick), Staple/Nail Down (Tongue & Groove products only).
- This type of flooring can be installed below, equal or above ground level.
- Lamella Engineered is NOT recommended to be used in wet areas such as bathrooms and laundry. This product is not to be used in areas with high risk of flooding (i.e., outdoors, sauna, etc).
- Temperatures after installation should be kept between 5°C and 38°C.
- DO NOT install on existing floating floors of any type including carpet, hybrid flooring, existing laminate, loose lay and perimeter fastened sheet vinyl.

BEFORE INSTALLATION

- Ensure that all cartons contain the correct product, range, codes and colour.
- Products should always be stacked with the bottom of the box facing down; never stack boxes on their sides.
- Protect corners of boxes from damage.
- Always install your flooring in ample lighting to observe imperfections such as sheen differences.
- Inspect all planks for any visible defects or damage prior to and during installation.
- For best results and appearance, use a mixture of planks from several cartons.
- Room temperature should be greater than 5°C during installation. Flooring must be installed in a temperature-controlled environment, allowing temperature changes only after installation is fully completed.
- Decide which direction the planks will be installed.

ACCLIMATISATION

The intention of acclimation is to bring the temperature of the new flooring close to that of the indoor environment. This means that the panels are not subjected to temperature shock and distortion upon opening, during and after installation.

It is recommended to acclimatise your Lamella Engineered floorboards for a minimum of 48 hours in the area where it is going to be installed at a suitable temperature of 16°C to 27°C.

SUBFLOOR PREPARATION

GENERAL SUBFLOOR PREPARATION AND PRECAUTIONS

- Subfloors should be clean and free of dirt and debris prior to installation.
- Subfloors must be structurally sound and flat prior to installation.
- All carpets, carpet pads and carpet tacks must be removed prior to installation.
- Variations in subfloor flatness should not exceed 3mm over a 3m diameter. Floors must be levelled to meet this specification prior to installation. Level by filling depressed areas with floor leveling compounds and sanding or grinding down any raised areas. Subfloor thickness must be a minimum of 15mm.

CONCRETE

- Concrete subfloors must be properly cured and allowed to dry for at least 60 days prior to installation. Test concrete subfloor for moisture prior to installation. If condensation appears on the film after 24 hours or concrete appears dark in colour, moisture is likely to be present and a calcium chloride test must be performed.

WOOD

- Wood subfloors must be structurally sound and be screwed or nailed to supporting beams.

INSTALLATION PROCEDURE FOR FLOATING FLOOR METHOD

MATERIALS REQUIRED

Tape Measure; Utility Knife; Circular Saw or Flooring Cutter; Multi Tool; Rubber Mallet; Tapping Block; Pull Bar; Spacers; Ruler; Pencil; Safety Glasses; Broom or Vacuum Cleaner; Hardwood Floor Cleaner.

INSTALL UNDERLAY

It is recommended to use an underlay that is approved for a Floating Engineered floor application. National Select Floors recommend using 3mm Underlay. Excessive pad compression or compaction is a common cause of seam failure.

Please note: If installed on concrete, a moisture barrier is required.

PREPARING THE STARTER ROWS

It is very important that enough expansion gaps are kept between the flooring and all the walls. This is done by placing 10 mm spacers around all vertical walls.

Measure the width of the room – perpendicular to the direction you intend to install the flooring. The last row of flooring should be no less than 38mm wide. If it is less, you should rip-saw the starter row narrower. Leave 10mm between the wall and the end of each strip in each row.

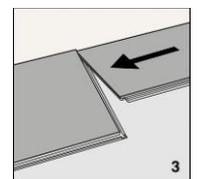
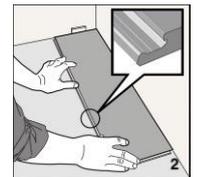
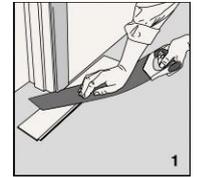
Start the second row with a strip of at least 400mm shorter than the strip used in the first row. This will avoid aligning or clustering the end joints.

REMINDER: *The floor planks must be installed perpendicular to the floor joists.*

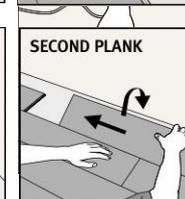
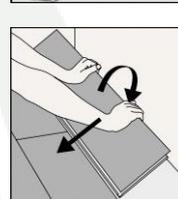
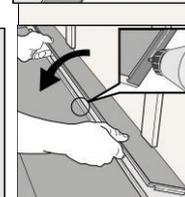
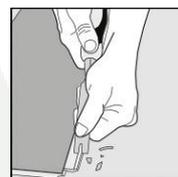
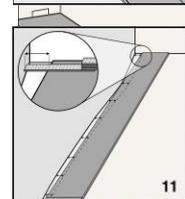
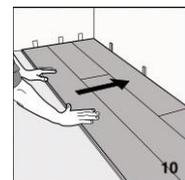
LONG AND SHORT SIDE LOCKING TECHNIQUES:

The long sides of the planks are connected by angling the tongue into the groove – where the lower lip has a locking design. The short sides of the planks use Valinge Innovation's patented 5G® locking system and are connected by simply folding down – locking with a reassuring "click".

1. While door frames can be removed and raised, it is generally easier to cut them. Use a loose plank as a template and saw off the excess. To do this, you can use a multi-tool or a hand saw. Ensure that the floor is not pressed between the subfloor and the door frame.
2. Lay the first plank of the first row in the left corner with the tongue side facing the wall. Insert a wedge between the wall and the plank's left short side so there is a gap at least 8-10mm wide.
3. Position the second plank to the right short side of the first plank.



4. Fold down the second plank, making sure it is positioned tightly to the first plank – press down firmly and listen for the click to confirm the joint has locked.
5. Continue installation of the first row. When you are close to the wall on the right side, place a wedge at the wall and measure the length to determine the size of the row's last plank.
6. Cut the row's last plank to size. If you are using a jigsaw, cut it face down. If you are using a hand saw, cut it face up.
7. To begin the second row, use the remainder of the cut plank used to finish the first row, be sure to insert a wedge between the wall and the plank's left short side so there is a gap at least 8-10mm wide. Then continue to lay the second plank.

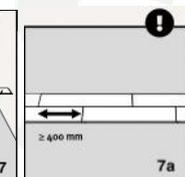
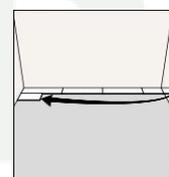


Important information – the offset between the short-side joints in parallel planks from the first and second rows must be at least 400 mm.

8. Position the second plank to the right short side of the first plank. Connect the long side into the bottom of the first row.
9. Fold down the second plank, making sure it's positioned tightly to the first plank – press down firmly and listen for the click that means it's locked in place.
10. Continue to install the row as before. When you have completed 2–3 rows insert wedges between the wall and the first row so there is a gap at least 8-10mm wide.
11. The first and last row may need to be adjusted if the wall is uneven. To achieve this, trace the wall profile to the first or last plank, cut, and install.

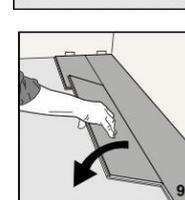
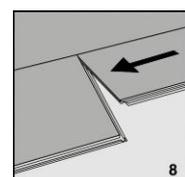
WHEN ANGLING IS NOT POSSIBLE:

Remove the locking element/hook as shown in the diagram. Use white PVAc glue to connect the planks. Press/place wedges between the glued strip and the wall.



REVERSE INSTALLATION:

When installing in reverse, start from the left. Angle the long side groove into position at the tongue of the adjacent plank from the previous row and fold down to lock into place.



Angle the long side groove of the second plank into position at the tongue of the adjacent plank from the previous row and fold down. Now slide the second plank to the left to position it to the right short side of the first plank. Press down firmly and listen for the click that means it's locked in place.

MAINTAINING YOUR LAMELLA ENGINEERED TIMBER FLOOR

- Clean dust and debris regularly using a broom or vacuum with soft bristles
- Clean any spills or liquids immediately.
- Mop as needed using a dampened mop and cleaner approved for use on hardwood timber flooring. Never use abrasive cleaning implements or products, waxes, or bleach.
- Use felt protectors or other protective devices under furniture, particularly items that are frequently moved. Any furniture with casters should not have ball casters. Only wide, non-staining rubber casters are to be used. Use protective mats underneath office chairs.
- Do not drag heavy objects or furniture across the floor. When moving appliances or furniture lay a protective item such as cardboard and walk the heavy item across carefully.
- Place mats at exterior doors to reduce dirt and debris that are tracked onto the floor. Do not use indoor mats with rubber or latex backers as they may cause discoloration or staining to the surface.
- Maintain a relative humidity (RH) level between 40 % and 55 % all year long.

WARRANTY

PLEASE REFER TO WARRANTY ON OUR WEBSITE

NATIONAL SELECT
FLOORS