



INSTALLATION GUIDELINES

IMPORTANT NOTICE

All flooring installations are to be carried out by a professional flooring contractor or skilled tradesperson in compliance with Australian Standards and Resioak Hybrids installation guidelines. If you have any concerns about the installation process, please contact your reseller.

Before installation, carefully check that the received goods match the correct product, codes, range, size, and colour. If there are any discrepancies or concerns about the product's appearance, **DO NOT** proceed with installation. Instead, report the issue to your flooring reseller immediately for review.

Once installed, all goods are deemed checked and accepted by the installer and/or homeowner. No responsibility is taken for costs or warranty claims related to the installation of defective or incorrect products and no liability for any issues arising from inadequate subfloor preparation or improper installation methods.

No responsibility is taken for issues arising from:

- Insufficient sub-floor preparation, including uneven surfaces, moisture issues, or structural deficiencies.
- Unsatisfactory installation methods that do not comply with Australian Standards or Resioak Hybrids installation guidelines.
- Failure to use a required moisture barrier, which may prevent natural expansion movement and lead to damage from Alkaline Hydrolysis (high alkalinity levels) when installed over concrete.
- Any moisture-related issues.

Key Installation Points

- **Installation:** Floating method only.
- **Expansion tolerance (raft size):** Up to 10m (L) x 6m (W).
- **Use:** Indoor flooring only; not a substitute for a moisture barrier.
- **Levels:** Suitable for below, equal, or above ground.
- **Wastage allowance:** Standard: +10%
- **Heavy fixtures:** Install around fixed items (e.g., kitchen islands, cabinetry).
- **Not suitable:** Wet or humid areas (e.g., bathrooms, laundries, saunas).
- **Prohibited sub-floors:** Do not install over existing flooring, including carpet, hybrid, laminate, loose lay, or perimeter-fastened vinyl.

Job Site Delivery and Storage

Before installation, verify that all boxes contain the correct product, codes, range, and colour. Store cartons in a dry, covered area, away from direct sunlight or adverse conditions. Flooring packs should always be stacked with the bottom of the box facing down—never on their sides, vertically, or leaning against a wall. Take care to protect the corners of the boxes from damage.

Acclimatisation

Acclimatisation allows the flooring to adjust to indoor temperature before installation. Keep flooring in unopened boxes for at least 48 hours in the installation area.

Do not open the box ends for acclimatisation, as this may affect board end-joint tolerances. Flooring packs should remain sealed until the day of installation. If inspection is required, open the box, then re-tape it and continue acclimatisation.

Sub-Floor Preparation

The sub-floor is the surface on which the flooring will be installed and must be properly prepared before installation. It must be flat, dry, sound, and secure. Ensure the sub-floor is clean and free from dirt and debris. The installer is responsible for verifying that these conditions are met before proceeding with the installation.

Floor Levelling

- The sub-floor should be relatively flat, with a maximum allowable variation of 3mm over a 3m span (valleys/peaks).
- Floors must be leveled to meet this specification before installation.
- Fill depressed areas with floor leveling compounds and sand or grind down raised areas as needed.
- When using leveling compounds and primers, follow the manufacturer's instructions.
- Ensure all leveling compounds, primers, adhesives, and moisture barriers are compatible, preferably from the same manufacturer, to maintain warranties.

Concrete Sub-floors

Concrete sub-floors must be properly cured and allowed to dry for at least 90 days prior to installation. Test the concrete sub-floor for moisture content before installation. Slabs should have a moisture content of less than 4% by impedance meter or below 85% in-slab relative humidity.

Resioak Hybrids have a built-in foam underlay and can be installed directly on the concrete slab. **A 200µm polyethylene (PE) film must be installed and lap jointed on top of the concrete slab. This also applies to floors laid on plywood over concrete slabs.** The film helps prevent friction between the flooring and the sub-floor, as well as the buildup of Alkaline Hydrolysis (high alkalinity levels), specifically in concrete.

Wooden Sub-floors

A wooden sub-floor may consist of timber boards or sheet flooring, such as particleboard or plywood, with typical moisture content between 9% and 13%. Wooden sub-floors must be structurally sound and securely fastened to supporting beams with screws or nails. **A 200µm polyethylene (PE) film must be installed and lap jointed on top of the sub-floor. This film will help prevent friction between the flooring and the sub-floor.**

For sub-floors on lower levels with soil beneath, greater consideration is required to prevent rising moisture. A site assessment of the sub-floor space is necessary, as damp soil and inadequate ventilation may lead to moisture-related problems with the installed floor.

Tiled Sub-floors

Check to ensure the sub-floor is sufficiently flat and free of moisture. Grout lines must be filled if they are wider than 3mm or deeper than 2mm. **A 200µm polyethylene (PE) film must be installed and lap jointed on top of the sub-floor. This film will help prevent friction between the flooring and the sub-floor.**

Expansion Gaps, Joints & Trims

Hybrid flooring can be affected by factors such as changes in relative humidity and daily temperature conditions, causing expansion and contraction. Therefore, perimeter expansion allowance and control joints are essential. Larger floor areas may require an expansion trim to manage movement pressure and allow the floor to expand and contract in individual sections. The installer should assess the best options for the space.

Recommended expansion tolerance: Lengthwise 10m x Width 6m.

Allow a minimum of 10mm expansion gaps around wall perimeters, vertical fixtures, pipes, pillars, island benches, and when adjoining different floor types. Aluminium trims can be used as expansion trims and control joints.

Skirting boards and scotia should be fixed to the wall or cabinets, never directly to the installed floor.

Do not apply sealant at the junction between the floor and any vertical surface (e.g., benches, skirting boards or scotia).

Before Installation

The room temperature during installation should be between 10°C and 30°C, with relative humidity between 45% and 65%. Flooring must be installed in a temperature-controlled environment. Install flooring under ample lighting to easily identify any imperfections, such as sheen differences or visible defects, both before and during installation.

Ideally, remove skirting boards and reinstall after installation. If removal is not possible, use scotia or aluminium trims to cover expansion gaps.

Undercut door jambs, allowing for a 10mm expansion gap.

All carpets, carpet pads, and carpet tacks must be removed. Check for any nails or obstructions that may affect the flooring installation.

Before installation, a 200µm polyethylene (PE) film must be placed over all sub-floors to create a low-friction surface and act as a moisture barrier, ensuring optimal flooring performance. Failure to use the required moisture barrier may lead to product failure and void any applicable warranties.

Tools Required

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

Floating Floor Installation Guide

Sub-Floor Preparation

Ensure the sub-floor is properly prepared as per the **Sub-Floor Preparation** section prior to installation.

1. Starting the Installation

- Position the first board with the grooved side facing the wall from which you are starting.
- Place spacing wedges along the starting wall, leaving a 10mm expansion gap between the wall and the first row of boards.

2. Ensuring Alignment

- Snap a chalk line from the chosen starting wall to verify straightness and alignment.
- Starting straight is crucial to avoid visual misalignment caused by non-parallel or bowed walls, and to ensure that the boards adjacent to the walls are cut as wide as possible.

3. Laying the Boards

- Floors are typically laid lengthwise down hallways for the best visual effect. Ensure the floor runs parallel to hallway walls.
- Be mindful of control joints and expansion joints during planning.
- Begin at a corner of the starting wall and lay the boards row by row.

4. Staggering the Joints

- Start each new row with a leftover piece from the previous row or with a board at least 450mm shorter or longer than the board at the same position in the prior row.
- Stagger end joints by at least 450mm between adjacent rows.
- Avoid a brick pattern; random staggering provides a more natural and appealing look.

5. Final Row Installation

- Upon reaching the opposite wall, the final row will likely require trimming. Cut boards lengthwise as needed while maintaining the 10mm expansion gap.
- Remove the tongue edges if present on the boards adjacent to the wall.

6. Securing the Final Row

- Use wedges and a spacing bar to fit the last row into place.
- Use protective blocks or flooring offcuts to avoid damage to the boards and walls during this process.

7. Finishing Touches

- Install skirting boards and scotia trims by attaching them to the wall or cabinetry only.
- Do not fix scotia directly to the floor, as the floor must be able to expand and contract freely.

Initial Care (Within 24 Hours of Installation)

- Sweep or vacuum thoroughly using soft bristles.
- Be cautious when placing furniture and appliances on the new flooring.
- Avoid dragging heavy objects or furniture; use protective material like cardboard and lift while moving.
- For heavy items, use smooth, non-staining fabric-faced furniture sliders or move them over plywood or cardboard.
- Cover furniture legs with felt protectors to prevent damage.

Homeowner Responsibilities

To maintain warranty coverage and ensure efficient service in the event of a claim, homeowners must:

- Install the flooring according to Resioak Hybrids Installation Guidelines.
- Use only appropriate and safe cleaning products.
- Keep at least five planks of flooring after installation for future repairs or testing.
- Retain the original sales receipt or documentation as proof of purchase, including product details and installation date.

Warranty

Please refer to the warranty details on our website for full terms and conditions.