04 · Laminate

PANTORA

Installation guide for Pantora laminate — Royal Miles, Amor and Lifestyle.



COVERS
Royal Miles · Amor · Lifestyle

METHOD
Floating click

EDITION
01 · 2026

TOPDECK

BEFORE YOU BEGIN

Nine points that decide the job

Pantora is a click-locked floating laminate floor. Read every instruction before the first box is opened - improper installation can affect warranty coverage.

1. **Floating only.** Pantora is never glued or nailed to the subfloor. The planks lock to each other and the whole floor must remain free to float.
2. **Check, then check again.** Confirm the product matches the order and inspect every plank before installation. Do not install visibly damaged or defective boards.
3. **Allow 10% waste.** Order approximately 10% over the measured room area to cover cutting, board selection, pattern mixing and installation waste.
4. **Subfloor clean, dry, flat.** Correct deviations greater than 4mm over a 2m straightedge before laying. Grind high spots, fill low spots and repair loose or unstable substrates.
5. **Moisture first.** The substrate must be dry and tested before installation. As a guide: concrete below 80% in-situ RH and timber subfloors below 14% moisture content, unless a stricter project requirement applies.
6. **Vapour barrier.** Over concrete, use a minimum 200 micron polyethylene membrane unless an approved underlay already incorporates a compliant vapour barrier. Overlap joins by at least 300mm and tape continuously.
7. **Acclimatise and hold the climate.** Store unopened packs flat in the installation area for at least 48 hours. Maintain approximately 18-30°C and 30-70% relative humidity before, during and after installation.
8. **Plan the direction.** Run plank length with the main light where practical; narrow hallways generally run lengthways. Check the last row will finish at least 50mm wide and mix boards from several packs.
9. **Know the special cases.** Wet areas require the sealing regime, and approved hydronic (water) and electric underfloor heating systems have additional rules - see page 4.

PREPARATION

Barrier, underlay, expansion

THE BUILD-UP

1. **Vapour barrier.** On concrete, install a minimum 200 micron polyethylene membrane below the underlay unless the selected underlay has an integrated compliant vapour barrier. Overlap membrane joints by at least 300mm and tape continuously.
2. **Underlay.** Use an underlay approved for laminate floating floors. Run it in accordance with the underlay manufacturer's instructions, with joints neatly butted and taped where required. For underfloor heating, use a low-thermal-resistance underlay approved for the system.

EXPANSION

- Maintain an 8-10mm expansion gap at the perimeter and around every fixed object - walls, pipes, pillars, stairs, door frames and similar obstructions. Around pipes, drill holes approximately 20mm larger than the pipe diameter.
- A floating floor must not be trapped by fixed cabinetry, kitchen islands, built-in joinery or other permanent fixtures. Install these first and maintain the required expansion clearance around them.
- Run limits: provide expansion/transition joints where the installation exceeds 15m across the plank width or 18m along the plank length, and at structural movement joints or where required by the site layout.

TOOLS & SUPPLIES

Approved underlay · 200 micron vapour barrier where required · spacers · saw · adhesive tape · rubber mallet · ruler and pencil · tape measure · utility knife · silicone sealant for wet-area detailing.

> **NEVER STRIKE THE BOARD**
>
> Use a tapping block and pull bar where needed. Never strike a plank directly with a hammer or mallet. Engage the click profile carefully and do not force a joint that is not aligned.

SPECIAL CASES

Underfloor heating and wet rooms

APPROVED HYDRONIC (WATER) & ELECTRIC SYSTEMS

> Pantora may be installed over approved hydronic (water) and electric underfloor heating systems, provided the flooring, underlay and heating system are all installed within the limits below and the heating-system manufacturer's requirements.

- The finished floor surface temperature must not exceed 27°C at any point.
- Before flooring is installed, the heating system must be fully commissioned and a complete heat-up / cool-down cycle carried out so residual construction moisture can dissipate.
- The substrate must be tested dry and suitable for installation. Do not lay over a damp screed or where leaks, pressure loss, electrical faults or localised hot spots are suspected.
- Shut the heating down at least 48 hours before installation and keep the room at 15°C or above while laying.
- After installation, restart the system gradually. Increase or decrease the set temperature progressively - as a guide, no more than about 2°C per 24 hours - and avoid sudden temperature changes.
- Use an underlay specifically approved for underfloor heating and with low thermal resistance. Never exceed the heating-system or underlay manufacturer's stated limits.

WET AREAS - BATHROOMS, LAUNDRIES, COMMERCIAL

Pantora is moisture resistant but is not a waterproofing system. Excessive wetting and standing water must be avoided and spillages dried immediately. Where installed in wet-prone areas, sealing is part of the installation:

- Seal every cut edge - including end cuts and side cuts - with a suitable clear sealant before the board is fitted.
- On completion, apply a flexible silicone-based sealant around the perimeter expansion space and at islands, doorways, columns, pipe penetrations and other cut-ins, without restricting the floor's ability to float.

LAYING THE FLOOR

Click, drop, press — never force

1. **Start in the left-hand corner,** the first board 10mm off the left wall, spacers between board and wall.
2. **Second plank:** click the end in, drop it, and gently press the end down with a rubber mallet until it locks flush with the previous plank — both at exactly the same height, perfectly aligned.
3. **If the lock won't sit flush,** don't force it. Lift the row delicately at an angle to separate it, lay the planks flat and slide them apart, and check for debris caught in the lock.
4. **Close each row** with a 10mm gap at the wall, measuring the last plank to fit. Jigsaw: decorative face down. Handsaw: face up.
5. **Start the next row with the off-cut** — at least 30cm long, otherwise cut a fresh plank in two. End joints stagger at least 30cm, within the row and from row to row. Click the long side into the previous row, slide tight to the previous plank's end, drop and press.
6. **After two or three rows,** set the expansion gap to the front wall at 10mm and check the floor is running true. When installing each new row, tap against the prior row with the long side of a loose plank to close any gapping.
7. **Last row:** lay a loose board exactly over the final laid row, and another on top with its tongue to the wall as a scribe. Mark, cut along the line, and fit the cut board against the wall. The last row is at least 50mm wide. Remove the spacers.
8. **Pipes and doorways:** drill pipe holes 20mm oversize, saw the piece out, fit the board and glue the sawn piece back behind the pipe. At door mouldings, lay a board face-down as a height guide, trim the moulding, and slide the floorboard under.

CARE & MAINTENANCE — FOR THE OWNER

A page for the owner

Laminate asks very little — a damp cloth, felt pads, and no standing water. The few rules it has are warranty conditions.

CLEANING

- Cloth, mop, broom or vacuum. Pantora can be wet-mopped and is suitable for steam mopping
- Surface dirt lifts with a cloth or vacuum; scuff marks and stubborn stains wipe away with a damp cloth
- If a cleaning agent is used, remove all residue afterwards
- Mats at entryways and high-traffic areas protect against abrasion

THE CLIMATE

TEMPERATURE / RH	Maintain approximately 18-30°C and 30-70% relative humidity.
WATER	Standing water must be avoided - take extra care near flowerpots, vases and taps. Dry spillages immediately.
FURNITURE	Use felt pads under furniture legs and protect the surface from scratching or point loading.

NEVER

Never use waxes, bleach, strong solvents, or abrasive polish that can damage the surface coating.

QUICK REFERENCE

The numbers, on one page

METHOD	Floating click-lock only - never glued or nailed to the subfloor
WASTE ALLOWANCE	Approx. 10% over the measured room surface
SUBFLOOR FLATNESS	Correct deviations greater than 4mm over a 2m straightedge before laying
SUBSTRATE MOISTURE	Concrete below 80% in-situ RH · timber subfloors below 14% MC, unless stricter project limits apply
VAPOUR BARRIER	Minimum 200 micron polyethylene over concrete unless integrated in an approved underlay · overlap at least 300mm and tape
ACCLIMATISATION	Unopened packs flat in installation area for at least 48 hours
CLIMATE	Approx. 18-30°C · 30-70% RH before, during and after installation
EXPANSION	8-10mm at perimeter and fixed objects · joints beyond 15m width or 18m length · do not trap under fixed cabinetry
STAGGER	End joints at least 30cm apart; row starters at least 30cm long
LAST ROW	At least 50mm wide - trim the first row if necessary
UNDERFLOOR HEATING	Approved hydronic (water) and electric systems · surface <=27°C · heating off 48h before laying · reheat gradually
WET AREAS	Seal all cut edges and silicone perimeter/cut-ins without restricting floating movement

TAKING IT APART

Separate a whole row by lifting it delicately at an angle. To separate individual planks, leave them flat on the ground and slide them apart. Keep spare planks from the installation - repair by replacement is the point of a click floor.

Built for the traffic of an ordinary week, laid in an afternoon.

RESPONSIBILITY

Topdeck warrants the flooring against manufacturing defects in accordance with the applicable product warranty and the Australian Consumer Law. The customer and installer are responsible for verifying product condition, site conditions, substrate moisture/flatness, expansion allowances and installation method before and during installation. Do not install damaged or unsuitable product. Improper installation or site conditions are not manufacturing defects.

FOR TRADE

START A PROJECT

Specifier requests, project pricing and technical documentation.

Trade enquiry

FOR HOMEOWNERS

FIND A STOCKIST

Visit a Topdeck retailer to view boards and take samples.

Find a stockist

ADDRESS	16 Salisbury Street, Silverwater NSW 2128
TELEPHONE	(02) 9748 2288
EMAIL	info@topdeckflooring.com.au
WEB	topdeckflooring.com.au

This guide is general in nature. The installer must apply all NCC and relevant Australian Standards requirements current at the time of installation. Pantora Installation Guide · Edition 01 · 2026 · Covers Royal Miles, Amor and Lifestyle. Supersedes the Pantora installation guideline.

TOPDECK

© 2026 TOPDECK FLOORING