02 · Engineered timber

PROVENANCE PLANK

Installation guide for Provenance plank — Australian hardwood, floating or direct stick.



COVERS
Provenance plank

METHOD
Floating + direct stick

EDITION
02 · 2026

TOPDECK

BEFORE YOU BEGIN

Nine points that decide the job

Provenance plank may be installed as a 5G floating floor or by full-spread direct stick. Choose and document the complete system before flooring is ordered.

1. **Choose the method.** Floating uses an approved acoustic underlay and remains free from the subfloor. Direct stick uses a continuous bed of compatible elastic timber adhesive. Never spot-glue, bead-glue, nail or screw Provenance to the subfloor.
2. **Use a competent installer.** Direct stick is professional work. The installer must assess the site, select a compatible system, follow current product data sheets and stop where any requirement is not met.
3. **Use in dry internal areas.** Install only over a continuous structural subfloor. Below-grade work requires verified drainage, no active water entry and a documented vapour-control system. Do not install in persistently wet areas.
4. **Order for waste.** Allow at least 5-7% for a regular plank layout and 12-13% for a diagonal or complex layout. Irregular rooms, borders, selective grading and colour blending may require more.
5. **Inspect and dry-lay.** Confirm SKU, species, width, grade, batch, colour and quantity. In good light, do not install visible damage or defects. Work from several cartons and agree the finished blend and direction with the owner.
6. **Make the site ready.** The building must be enclosed, weathertight and secure; wet trades substantially complete; permanent climate control operating; and the flooring installed late in the construction sequence.
7. **Condition the stock.** Store unopened cartons flat, fully supported and clear of concrete in the compliant installation area for at least 48 hours, or the longer written project period. Do not open cartons to force acclimatisation.
8. **Hold the climate.** Maintain 18-25°C and 40-60% relative humidity before, during and after installation. Protect the floor from direct solar heat and rapid environmental change.
9. **Document everything.** Record site climate, flatness, moisture tests, preparation, vapour control, underlay or adhesive system, product batches, photographs and owner sign-off. Underfloor heating requires written project approval before order.

PRE-INSTALLATION

Site, climate & subfloor

A successful floor begins with a stable room and a structurally sound, rigid, dry, clean and flat substrate. Test, correct and record conditions before a carton is opened.

WORKING CONDITIONS	Building enclosed and weathertight; wet trades substantially complete; permanent heating, cooling and ventilation operating. Screen intense sunlight and maintain 18-25°C and 40-60% RH for at least five days before work.
SUITABLE SUBFLOORS	Concrete, flooring-grade plywood, particleboard or another continuous structural sheet accepted by the complete system. Existing hard finishes are suitable only where their bond, moisture condition and preparation are verified and every system supplier approves them.
FLATNESS & LEVEL	ATFA default: concrete maximum 3mm gap under a 3m straightedge; new sheet, batten or joist subfloors maximum 3mm under 1.5m. Correct with compatible grinding, patching or levelling products. Levelness is separate; if it exceeds 4mm over 2m, obtain documented agreement before laying.
CONCRETE MOISTURE	Test representative locations and record the method and results. ATFA identifies a dry slab as up to 2.0% on an impedance meter and up to 75% in-slab RH. Investigate higher or abnormal readings. Direct-stick concrete requires an approved applied moisture-vapour-retarding system.
TIMBER / SHEET	The substrate must be dry, rigid and at equilibrium with service conditions. Investigate readings at or above 12% MC, significant variation, leaks or a damp subfloor space. Re-fix movement or squeaks and sand swollen joints or incompatible waxed surfaces.
SURFACE & JOINTS	Remove dust, laitance, curing compounds, sealers, oil, loose coatings and incompatible adhesive. Use direct-bond-rated preparation products. Honour structural and control joints; never bridge them without written system approval.

> **DUST, EXISTING MATERIALS & BELOW-FLOOR SPACES**
>
> Use on-tool extraction, a correctly fitted P2 respirator and eye protection when cutting or grinding. Do not disturb suspect asbestos-containing flooring, backing or adhesive. Keep enclosed subfloor spaces and the ground beneath dry with permanent NCC-compliant drainage and ventilation.

INSTALLATION METHOD 01

Direct stick — full-spread only

Use one compatible timber-flooring system. Its current technical data sheets control substrate preparation, trowel, open time, transfer, cleaning, restraint and cure.

1. **Specify one system.** Moisture barrier, primer, leveller, any bonded acoustic layer and elastic polyurethane/MS-polymer timber adhesive must be mutually compatible and approved for the substrate and engineered hardwood. Do not mix systems without written acceptance.
2. **Prepare for a direct bond.** The surface must be sound, porous or prepared as the system requires, and free of contamination. Levelling products must have sufficient tensile strength for timber bonding. Never bond to a floating underlay or unstable floor covering.
3. **Set out and blend.** Establish a true reference line, balance first and last rows and dry-lay from several cartons. Maintain an 8-10mm perimeter gap, a minimum 300mm end-joint stagger and a minimum 300mm board length at walls.
4. **Control the spread.** Use the adhesive-specified notch, trowel angle and spread rate. Apply a continuous full bed only to the area that can be covered within open and working time. Beads, spots and intermittent ribbons are not direct stick.
5. **Engage and verify.** Seat the first row accurately. Angle each 5G joint together, fold it down, fully engage the end lock and press the whole board into wet adhesive. Lift boards periodically to verify full, even transfer and correct the process immediately if coverage is deficient.
6. **Hold, clean and cure.** Use approved weights, tape or restraints without starving the bond or damaging the finish. Remove wet residue only with the specified cleaner. Keep traffic, furniture and other loads off until the adhesive data sheet permits them.

> CONCRETE VAPOUR CONTROL
>
> Every direct-stick concrete installation requires an applied moisture-vapour-retarding system approved for the measured slab condition and the selected adhesive. A combined adhesive/moisture-control claim is valid only at the exact trowel, coverage and substrate conditions stated in its current data sheet. Keep batch, coverage and photographic records.

INSTALLATION METHOD 02

Floating — free to move

A floating installation rests on approved underlay and moves as one field. Nothing beneath, around or above it may pin or restrict that movement.

1. **Confirm suitability.** Use only over a continuous, rigid subfloor. Do not float over another floating floor, carpet, soft resilient layer or underfloor heating. Install permanent cabinetry, islands and fixed joinery before the floor.
2. **Control vapour.** Over concrete or mineral subfloors use 200-micron polyethylene, or approved underlay with an equivalent vapour-retarding layer. If separate, turn it up at edges, overlap at least 200mm and tape every seam vapour-tight.
3. **Install the underlay.** Use one layer approved for Provenance and any project acoustic requirement. Butt and seal seams as specified; never overlap or double-layer underlay. Assess timber subfloors before adding any vapour-impermeable layer.
4. **Set out and blend.** Balance first and last rows, work from several cartons and maintain 8-10mm at walls, columns, pipes, door frames and every fixed vertical obstruction. Larger gaps may be required in humid or unusually large areas.
5. **Assemble the 5G joint.** Keep the profile clean; angle the long side into place and fold down until the end lock engages. Normal 5G joints are installed dry. Use cross-linked PVA only where a cut removes a locking feature and Topdeck directs a glued repair.
6. **Stagger and check.** Maintain at least 300mm between adjacent end joints and use wall pieces at least 300mm long. Avoid repeated stair-step or H-joint patterns. Recheck alignment, closed joints and movement clearance continuously.
7. **Close and finish.** Scribe and rip the final row without reducing the movement gap. Remove spacers, then fix skirting, scotia and movement profiles to the wall or substrate, never through the floating floor. The completed field may be walked on immediately.

> **MOVEMENT & COMPARTMENTALISATION**
>
> Maximum continuous floating field: 8m in either direction unless Topdeck gives a larger written project allowance. Install movement breaks at or before this limit, at doorways between major rooms, narrow passages and complex changes of geometry. Do not rigid-fill required gaps or bridge building control/structural joints. Trims must allow both adjoining fields to move independently.

SYSTEM CONTROL

Build-ups, movement & completion

DIRECT STICK	FLOATING
14MM PROVENANCE PLANK	14MM PROVENANCE PLANK
FULL-SPREAD ELASTIC ADHESIVE	APPROVED ACOUSTIC UNDERLAY
APPLIED VAPOUR CONTROL — CONCRETE	200-MICRON VAPOUR LAYER — MINERAL
PREPARED STRUCTURAL SUBFLOOR	PREPARED STRUCTURAL SUBFLOOR

FIG. 01 — PRINCIPLES ONLY. THE CURRENT COMPLETE-SYSTEM DATA SHEETS CONTROL EACH LAYER AND ITS APPLICATION.

CONTROLS FOR BOTH METHODS

1. **Plan before cutting.** Agree direction, feature distribution and transitions. Check non-parallel walls and balance rip cuts so the first and last rows are practical and visually acceptable.
2. **Keep movement clear.** Maintain the specified perimeter allowance at every fixed vertical surface. Continue structural/control joints through the finished floor and provide intermediate movement allowance where the method, plan or environment requires it.
3. **Protect the coating.** Never strike the face, drag tools or leave adhesive to cure on the finish. Use only cleaner approved by the adhesive supplier; test it on a spare board where compatibility is uncertain.
4. **Inspect before leaving.** Confirm alignment, joint closure, surface condition, transitions and every movement gap while correction is still possible. Photograph the floor and all critical details before skirting conceals them.
5. **Protect ongoing work.** After the relevant cure time, use clean, dry, breathable and non-staining hard protection. Never tape to the finish, cover a curing adhesive system, or trap moisture beneath impervious plastic.
6. **Handover.** Provide all test records, product and system data sheets, cure restrictions and the Topdeck Care & Maintenance guide. Keep labelled spare boards flat, dry and protected for future repairs.

HEAT & ONGOING CARE

Underfloor heating — controlled approval

Australian hardwood is hard-wearing, but hardness alone does not establish suitability over a heated floor. The exact engineered construction and complete system must be assessed.

NOT A STANDARD APPLICATION — WRITTEN PROJECT APPROVAL REQUIRED

Provenance must not be ordered or installed over underfloor heating unless Topdeck first issues written approval naming the exact SKU/species, board width, heating type and complete build-up. In the absence of that approval, the product is not suitable for the heated application. Minimum conditions for any approval are: full-spread direct stick only; a properly embedded in-slab hydronic or electric system expressly named in the approval; no loose mats, foils or heating elements immediately beneath the boards; full commissioning and thermal cycling before installation; recorded slab moisture tests; a permanent floor-surface sensor; a finished timber surface no higher than 27°C or any lower approved system limit; constant temperature for at least 48 hours after bonding, followed by increases or decreases of about 2°C per day; 40-60% room RH; and no rugs, bedding or furniture that create heat traps.

OWNER CONTROLS

CLIMATE	Maintain 18-25°C and 40-60% RH, including while the home is vacant. Use ventilation, humidification, dehumidification and shading as seasonal conditions require.
HEAT & SUN	Avoid rapid temperature change, localised heaters and prolonged direct sun. Where a written heating approval exists, operate only within its limits and keep the floor sensor active.
WATER & CLEANING	Wipe spills immediately. Vacuum with a hard-floor tool and use only the approved hardwood-floor cleaner with a well-wrung microfibre mop. Never wet-mop, steam-clean, wax or use abrasive pads or harsh solvents.
FURNITURE & MATS	Fit clean felt pads, hard-floor castors or a suitable chair mat; lift rather than drag. Use non-staining entry mats and avoid backings that trap moisture or heat.

IF WATER ENTERS BENEATH THE FLOOR

Contact the installer promptly. The floor and substrate may need to be opened, assessed and fully dried before reinstatement. Keep spare boards from the original batch for future repairs.

The surface a solid floor presents, engineered to hold flat.

RESPONSIBILITY

Before installation, the installer and owner must review the flooring, layout, site, substrate and complete installation system, and stop if any requirement is unmet. Do not knowingly install a visible defect. Damage caused by unsuitable conditions, incompatible products or work outside this guide may not be covered by Topdeck's product warranty. Topdeck does not warrant third-party workmanship unless it supplied that service. Nothing in this guide excludes rights under the Australian Consumer Law.

THE RECORD

Leave the owner a dated record of product and batch; method; room temperature and RH; substrate type, flatness and moisture results; preparation and vapour-control products; primer, leveller, adhesive or underlay, trowel and batch details; photographs and sign-off. Attach any underfloor-heating approval, commissioning record, sensor setting and operating limits. Use the applicable ATFA QA checklist.

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. Apply the NCC, relevant Australian Standards and current system data sheets. Provenance Plank Installation Guide · Edition 02 · 2026 · Supersedes all previous Wooden-Land Classic installation guidelines.

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