

IMPERIAL FLOORING AUSTRALIA[®]

ARCHITECTURAL SPECIFICATION

15mm Chevron Flooring AB Collection

1. PRODUCT DESCRIPTION

Premium 15 mm Engineered European Oak Chevron Flooring comprising a 3 mm solid European Oak wear layer bonded to a multi-layer structural plywood core for enhanced dimensional stability and performance.

Finished with a brushed ultra-matt UV lacquer (5–8% gloss level) to provide durability, scratch resistance, and a refined timber aesthetic. Precision-cut chevron boards create a classic V-pattern floor that elevates architectural interiors.

2. PERFORMANCE CHARACTERISTICS

- Engineered multi-layer construction for dimensional stability
- UV-cured lacquer for enhanced wear resistance
- Suitable for installation over concrete slabs and timber subfloors when prepared to specification
- Compatible with hydronic in-slab heating when installed via Direct Stick method

3. INSTALLATION SPECIFICATION

Installation is recommended to be carried out by a qualified flooring installer in accordance with Australian Standards and Imperial Flooring Australia installation guidelines.

4. PRODUCT SPECIFICATION DATA SHEET

Brand	Imperial Flooring Australia [®]
Timber Species Grade	European Oak AB
Construction	Multi Layer Cross Plywood
Board Dimensions	600mm (Length) x 90mm (Width)
Thickness Top Layer	15mm 3mm Veneer
Surface Finish	Brushed UV Lacquer Matte Finish
Joining System	Tongue + Groove
Edging	4 Sided Micro-Bevel
Installation Method	Direct Glue Down
Pack Size	1.469m ² 32 x Boards 15kgs
Slip Test Rating	P3
Fire Report Rating	CHF Value: 3.7 kW/m ² Smoke Value: 64 %.min
Warranty	Residential: 20 Years Commercial: On Request



TINGE OAK



BLONDE OAK



BARLEY OAK



ASH OAK



WHISPER OAK



TUDOR OAK



GOLDEN OAK



SANDY BAY



PURE NATURAL OAK



DARK BROWN

5. GENERAL SITE REQUIREMENTS

- Building must be weather-tight and fully enclosed
- Wet trades completed and areas fully dry
- HVAC operational where applicable
- Subfloor must be structurally sound, clean, dry and level
- Maximum subfloor flatness tolerance: **3mm deviation over 3 metres**
- Concrete slabs must be fully cured (New Builds)
- All concrete substrates must be sealed with an approved moisture barrier system
- Flooring must be acclimatised within installation area prior to laying
- Expansion gaps must be provided at all vertical obstructions

6. INSTALLATION METHOD A – DIRECT STICK (FULL GLUE-DOWN)

Required Application for Herringbone/Chevron Pattern

Herringbone or Chevron parquetry must be installed using the direct stick method only to ensure pattern stability and long-term performance.

Recommended Application

Preferred method for maximum stability and for areas where fixed cabinetry or heavy joinery will be installed.

Subfloor Preparation

- Apply approved moisture barrier to concrete substrates
- Allow moisture barrier to cure as per manufacturer instructions
- Subfloor must meet flatness tolerances 3mm over 3mtrs

Adhesive Application

- Use approved timber flooring adhesive
- Apply using manufacturer-recommended notched trowel
- Ensure continuous adhesive coverage – no voids
- Install boards into wet adhesive and press firmly for full contact

Layout & Pattern Control

- Establish and mark centre lines with chalk to guide pattern
- Boards must be installed symmetrically from layout lines
- Confirm alignment frequently with straight edge and chalk lines to prevent pattern drift

Laying Procedure

- Maintain minimum **8mm** perimeter expansion gap
- Install boards base-to-base following herringbone or chevron pattern
- Remove excess adhesive immediately
- Use appropriate tapping block to ensure tight joints
- Maintain consistency in angle and spacing to achieve pattern integrity

Fixtures & Joinery

- Heavy cabinetry, kitchen islands and fixed joinery may be installed over direct stick flooring

7. INSTALLATION METHOD B – FLOATING FLOOR SYSTEM

(Not applicable – pattern parquetry requires direct stick method only)

Restrictions

- Heavy cabinetry, kitchen islands or fixed joinery must not be installed over floating floors

8. FULL INSTALLATION GUIDE LINK:

www.imperialflooringaustralia.com.au/engineered-timber-flooring-install-guide

9. CURING AND FINISHING STEPS

- Allow adhesive to cure for 8–12 hours minimum (or as specified by adhesive manufacturer) before light foot traffic.
- Do not place heavy furniture until full cure is achieved.
- Remove spacers once curing is complete.
- Reinstall skirting or trims by fixing to the wall only, not the floor.
- Minor gaps may be filled using colour-matched filler or cork compound (test on offcut first).

For final cleaning, use mineral spirits, turpentine or acetone to remove any adhesive residues. then a final clean with wood ph floor cleaner. Do not flood the floor with water.

10. SITE FLOOR PROTECTION (New Builds + Renovations)

On active building sites, newly installed flooring must be protected immediately to prevent damage. Use breathable floor protection systems. Protection must allow airflow and must not trap moisture.

11. UNDERFLOOR HEATING REQUIREMENTS

- Compatible with hydronic in-slab heating systems only
- Suitable for Direct Stick (Full Glue-Down) installation method only
- Floating installation is not approved over underfloor heating
- Maximum floor surface temperature must not exceed 26°C
- Heating system must be commissioned gradually
- Increase and decrease temperature in controlled increments
- Electric underfloor heating systems are not approved

12. CARE & MAINTENANCE

- Clean using recommended timber floor cleaning products
- Avoid excessive water or steam cleaning
- Fit protective pads to furniture
- Use entry mats to reduce abrasive wear
- Protect floor during construction works

13. COMPANY DETAILS**Imperial Flooring Australia[®] Pty Ltd**

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Disclaimer

Installation must be carried out by a qualified flooring professional and in accordance with this guide and relevant Australian Standards. Imperial Flooring Australia[®] accepts no responsibility for failure resulting from improper installation, inadequate subfloor preparation, moisture issues, or non-compliant site conditions.