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PRODUCT DATA SHEET

# Petit Château

Vienna Woods' flagship European-oak collection. A 15 mm engineered board with a 4 mm European oak wear layer over a multi-ply core, pre-finished in UV lacquer, and the only Vienna Woods collection offered in all five formats with colour-matched stair nosings across every colour.

## 01 Construction

| | |
|---|---|
| **Species** | European oak |
| **Origin** | Engineered overseas to Vienna Woods' specification |
| **Board** | 15 mm engineered board |
| **Wear layer** | 4 mm European oak |
| **Core** | Multi-ply (eucalyptus / birch) |
| **Finish** | Pre-finished UV lacquer |
| **Grade** | Feature standard; Prime on the Noble format |
| **Profile** | Tongue and groove |
| **Installation** | Full-spread adhesive, glue-down |

As a natural timber product, some variation in colour and grain between boards is normal.

## 02 Formats and sizes

| FORMAT | SIZE | GRADE | AVAILABILITY |
|---|---|---|---|
| **Standard plank** | 190 × 1900 × 15/4 mm | Feature | In stock |
| **Noble** | 190 × 2200 × 15/4 mm | Prime | Made to order |
| **Grande** | 220 × 2200 × 15/4 mm | Feature (Noble available) | Made to order |
| **Chevron** | 120 × 600 × 15/4 mm | Prime | Made to order |
| **Herringbone** | 120 × 600 × 15/4 mm | Prime | Made to order |
| **Stair nosing** | 110 × 40 × 20 mm, 1.2 m | Colour-matched | In stock |

Made-to-order formats: allow approximately 3–4 months, an estimate that can vary. Every colour can be ordered in all five formats; not every format is held in stock.

**Colours**

Antibes · Bordeaux · Cannes · Claret · Giverny · Lyon · Marseille · Nice

**Matching stair nosings**

Matching stair nosings come pre-made from the factory with the return already formed, colour-matched to every format and finished in the same lacquer, so colour and grain carry from floor to step. 110 × 40 × 20 mm, 1.2 m long.

## 03 Certification

| | |
|---|---|
| **Forest certification** | Made by a mill that holds a current FSC Chain of Custody certificate (FSC 100%), current to 27 October 2030. Vienna Woods does not hold a Chain of Custody certificate and cannot pass an FSC claim to the finished floor. |
| **Formaldehyde emissions** | The plywood core is certified to CARB Phase 2 and US EPA TSCA Title VI, current to 12 December 2026. The certification is held on the plywood veneer core, not on the finished floor. |

Certificates are available to specifiers on request. Certificate numbers and manufacturer identities are not published.

## 04 New Zealand Building Code

Installed and maintained in accordance with Vienna Woods' requirements, this product will assist with meeting the performance clauses below. Whether a clause is satisfied on a given project depends on the design, the build-up and the occupancy, and remains the specifier's determination against the Building Code.

> **WHO DETERMINES COMPLIANCE**
>
> Vienna Woods states the properties of its own products and the route by which those properties are established. Whether a particular building complies with the Building Code is a determination for the designer, the fire engineer and the building consent authority on that project. This material is general information current at the date shown. It is not a compliance determination and it is not a substitute for project-specific advice. Verify against the current text of the Building Code, C/AS2 and the Building Product Specifications at building.govt.nz.

| CLAUSE | POSITION AND LIMITS |
|---|---|
| **B2.3.1(b) Durability** | A full-spread adhesive-fixed floor covering is moderately difficult to replace, which is the B2.3.1(b) case. Supplied with a 20-year residential / 5-year commercial structural warranty.<br><br>Which B2 durability period applies (50 / 15 / 5 years) depends on how the floor sits in the building and remains the specifier's determination. |
| **C3.4(b) Fire — floor surfaces** | Vienna Woods engineered timber flooring is a wood product within Table 8.1.2.1 of the Building Product Specifications (1st edition Amendment 1, 2 April 2026) and takes the generic critical radiant flux of 2.2 kW/m². Where NZBC C/AS2 (Second edition, 28 July 2025) applies, that value is assessed against Table 4.12.3.1. No ISO 9239-1:2010 test report is required to establish it.<br><br>The generic value applies where applied coatings are not more than 0.4 mm thick and not more than 100 g/m² (Building Product Specifications, paragraph 8.1.2.1(a)(i)). Vienna Woods' factory-applied coatings are within both of those limits.<br><br>Where a floor in a multistorey building is itself a fire separation, C/AS2 paragraph 4.12.3.3 sets a separate requirement — see the multistorey note below.<br><br>Vienna Woods holds no Group Number test.<br><br>Where 2.2 kW/m² is sufficient, and where it is not. In buildings where care or detention is provided, sleeping areas and exitways require a critical radiant flux of 4.5 kW/m² where the building is unsprinklered (NZBC C3.4(b); C/AS2 Table 4.12.3.1, risk group SI). The generic 2.2 kW/m² value does not meet that requirement. Those spaces require a project-specific ISO 9239-1:2010 test report or a sprinklered design. Everywhere else in Table 4.12.3.1 — exitways, non-sleeping firecells accommodating more than 50 people, and all other occupied spaces — 2.2 kW/m² meets the requirement.<br><br>Clause C3.4 of the New Zealand Building Code does not apply to detached dwellings, to the inside of household units in multi-unit dwellings, or to outbuildings and ancillary buildings. There is therefore no critical radiant flux requirement for a floor inside a household unit. This describes the |

| CLAUSE | POSITION AND LIMITS |
|---|---|
| | scope of the Building Code requirement only. It is not a statement about the fire performance or the fire safety of the floor, and it does not affect any other Building Code requirement, any requirement of a fire design, or any requirement of an insurer.<br><br>Multistorey buildings where the floor is a fire separation. C/AS2 paragraph 4.12.3.3 sets an additional requirement where floors in multistorey buildings are fire separations and the flooring material is a wood product: the flooring material must be not less than nominally 20 mm thick, or the floor assembly must achieve an FRR of -/30/30 when exposed to fire from the flooring side. Vienna Woods' stocked boards are 14–15 mm. The 20 mm Distilled build is made to order. Whether this paragraph applies to a thin timber overlay bonded to a separating floor — rather than to structural floor decking that forms the separation itself — is a determination for the project's fire engineer and the building consent authority. Vienna Woods does not make that determination. Where a floor is or may be a fire separation, confirm the requirement before specifying. |
| **D1.3.3(d)**<br>**Access routes — slip** | Level interior surfaces: NZBC D1/AS1 Table 2 (surfaces exempt from testing).<br><br>Independent wet slip-resistance testing to AS/NZS 4586 Appendix A: mean wet coefficient of friction 0.65 on Cannes, extra matt UV lacquer. AS/NZS 4586:2014 · Safety Step Auckland Ltd · 2025 · 5 specimens. AS/NZS 4586 Appendix A requires, for horizontal surfaces, a mean coefficient of friction of not less than 0.40, with no individual specimen below 0.35.<br><br>Each result is for the specific colour and finish tested, as named above. Vienna Woods does not extend a tested figure to an untested colour. Testing was wet, on a level surface, to the requirement in each report: a mean coefficient of friction of not less than 0.40, with no individual specimen below 0.35. These results do not address ramps or any sloping surface.<br><br>NZBC D1/AS1 Table 2 lists coated timber (paint, polyurethane, lacquer and similar coatings) as acceptable on a level, dry surface with no test required. Table 2 Note 3: "With slip resistant nosings at least 50 mm wide, acceptability criteria for stair treads is based on the requirements for level surfaces." Vienna Woods' Petit Château stair nosings are factory-made from the same coated board stock as the floor, 110 mm wide, and supplied colour-matched across every colour in the collection. On that basis, a Petit Château stair tread fitted with the Vienna Woods nosing meets the level-surface requirement for dry use. This is scoped to dry conditions; Vienna Woods does not extend it to a wet stair, a stair fitted with a different nosing, or to any ramp or other sloping surface.<br><br>A colour-matched nosing is the wrong detail for an accessible stairway. NZBC D1/AS1 clause 4.1.7 requires nosings on an accessible stairway to be colour-contrasted with the tread. Vienna Woods' Petit Château nosings are colour-matched. That is right for a private or common stair and wrong for an accessible one, stated here before specifying rather than after. |
| **E3.3.3**<br>**Internal moisture** | Proposed as an Alternative Solution, supported by New Zealand testing to ISO 4760:2022(E) for topical moisture resistance and by installation to the Vienna Woods wet-area detail. Accepted by the Building Consent Authority on a project basis.<br><br>New Zealand testing to ISO 4760:2022(E) is held for this collection. |
| **F2.3.1**<br>**Hazardous building materials** | NZBC F2 sets no numeric emission limit and F2/VM1 adopts no test method for it.<br><br>See the certification section above for the position on this collection. |

> **WHERE THE CLAUSE TABLE LIVES**
>
> The Building Code clause positions summarised here are stated in full, once, in the Vienna Woods Timber Overlay Flooring System Product Technical Statement. Where this sheet and the Product Technical Statement differ, the Product Technical Statement governs.

**Floors and wall linings are different systems**

Floors and wall linings are rated under different systems and the two cannot be converted into one another. Floor surface materials are assessed under NZBC C3.4(b) by critical radiant flux in kW/m², tested to ISO 9239-1:2010. Wall and ceiling

linings are assessed under NZBC C3.4(a) by Material Group Number, tested to ISO 9705. A floor's critical radiant flux cannot be expressed as a Group Number, and a Group Number cannot be expressed as a critical radiant flux.

These boards may be used as an interior wall or ceiling lining. Where they are, the fire requirement is a Material Group Number under NZBC C3.4(a) (ISO 9705) — a different measure from the floor critical radiant flux above, which cannot be converted into it. The Group Number is the specifier's determination.

Wall lining is not the use for which this product is primarily supplied. Fixing, substrate, cavity and fire-stopping details are outside Vienna Woods' scope and are the designer's responsibility.

#### G6 Airborne and impact sound

G6 applies to floors between occupancies in multi-unit residential buildings and requires airborne (STC) and impact (IIC) ratings for the floor as built. No floorboard or underlay carries a rating on its own. A timber floor is generally taken to G6 compliance as an Alternative Solution, with the build-up designed and verified by an acoustic engineer. Vienna Woods holds no IIC or impact-sound test report for any build-up.

## 05 Installation, maintenance and limits

#### Installation

Follow the Vienna Woods installation and levelling guides — acclimatisation, expansion gaps and vapour barriers on concrete. Full-spread adhesive fixing with Parabond Parquet 440; substrate flat within 3 mm over a 3 m straightedge. Use D3-rated PVA at joins and a flexible perimeter sealant within 1.5 m of sanitary fixtures, per the Vienna Woods wet-area detail. Only qualified installers should fit these products.

Suitable over underfloor heating, subject to a maximum surface temperature of 27 °C.

#### Maintenance

Use Vienna Woods-approved cleaning and maintenance products for a lacquered floor. Maintain relative humidity between 40–60% where practical. Improper maintenance may affect durability.

#### Limitations

Not suitable for permanent wet areas (bathrooms containing a shower or bath, saunas), garages, commercial kitchens, or any exterior application. Colour change from UV exposure is normal in timber; mitigate with blinds or UV-filtering glazing.

#### Warnings and known risks

Excess moisture may cause cupping, swelling or delamination. Incorrect subfloor preparation may compromise performance.

#### Warranty

20 years residential / 5 years commercial, structural integrity, on Vienna Woods' own-brand engineered timber flooring (VW-WTY-001). Issued in addition to, and not in place of, the customer's rights under the Consumer Guarantees Act 1993.

There is deliberately no surface-finish warranty. How a floor's surface is lived on cannot be observed or controlled, and the warranty states plainly that the coating is not scratch, dent, chip or stain proof.

## 06 Supporting documents

- **Vienna Woods Timber Overlay Flooring System — Product Technical Statement** — the Building Code clause table in full
- **Vienna Woods BPIR (VW-BPIR-001 v3.8)** — per-collection construction, certification and compliance
- **Vienna Woods Slip Resistance Compliance Statement** — AS/NZS 4586 Appendix A results
- **Proposed Alternative Solution for NZBC E3**, with ISO 4760:2022(E) testing
- **Vienna Woods Installation Guide and Levelling Instructions**
- **Parabond Parquet 440 technical data sheet** (DL Chemicals)
- **Vienna Woods Product Warranty — Engineered Timber Flooring (VW-WTY-001 v3.3)**

None of the products covered by this statement is subject to a warning or ban under section 26 of the Building Act 2004.

Vienna Woods Limited, 2 Roxburgh Street, Newmarket, Auckland 1023 · NZBN 9429049033199. Vienna Woods designs and specifies these collections and has them produced to its specification under contract manufacture; Vienna Woods is the manufacturer for the purposes of this statement. · Masterspec work section **6312VW**.

Certificate positions read from the Vienna Woods certificate register on 11 November 2026 and re-read on every reissue of this sheet. Issued in addition to, and not in place of, the customer's rights under the Consumer Guarantees Act 1993.