



VIENNA WOODS
QUALITY FLOORING CO.

Distilled Collection
Architectural Specification Pack
(NZ Building Code Compliance Support Document)



1. Product Identification

Product Name: Vienna Woods – Distilled Collection

Product Type: Prefinished engineered European oak flooring

Profile: Tongue & Groove

Thickness: 15–20mm

Wear Layer: 4–6mm European oak

Installation Method: Full glue-down (recommended)

Scope of Use: Interior flooring and wall lining in residential and light commercial buildings. Suitable over hydronic underfloor heating (max surface temperature 27°C).

2. Relevant NZ Building Code Clauses

NZBC Clause	Requirement	Distilled Collection Response
B1 – Structure	Structural performance	Non-structural overlay flooring over compliant substrate.
B2 – Durability	15+ year durability	20-year residential structural warranty.
C3 – Fire	Surface finish performance	Euroclass Cfl-s1 (Group 3 equivalent).
D1 – Access Routes	Slip resistance	AS/NZS 4586 tested – compliant (CoF 0.52).
E3 – Internal Moisture	Impervious & easily cleaned	ISO 4760 tested – no water penetration.
F2 – Hazardous Materials	Low emissions	E1, CARB Phase 2, EPA TSCA compliant.
G6 – Acoustic	Impact & airborne sound	Achievable with approved underlay build-up.



3. E3 – Internal Moisture Compliance

Impervious Performance:

Distilled Collection joints tested under ISO 4760:2022 (Topical Moisture Resistance). Independent NZ testing confirms no water penetration through assembled T&G joints after 24 hours exposure.

Wet Area Detailing (within 1.5m of sanitary fixtures):

- Waterproof flexible sealant at perimeter junctions.
- D3/D4 PVA adhesive applied to T&G joints.
- Full glue-down installation required.

4. D1 – Slip Resistance

Tested to AS/NZS 4586:2014 Appendix A.

Mean Coefficient of Friction: 0.52 (Minimum required 0.40).

Suitable for general pedestrian access routes.

5. B2 – Durability

Engineered multi-layer construction with 4–6mm wear layer.

Factory-applied UV lacquer finish.

20-year residential structural warranty (5-year commercial).

6. C3 – Fire Performance

Euroclass Cfl-s1 fire rating (Group 3 equivalent).

Suitable for residential and light commercial applications where Group 3 floor finishes are permitted.

7. F2 – Indoor Air Quality

E1 formaldehyde classification.

CARB Phase 2 and EPA TSCA Title VI compliant.

Bona UV finishes free from heavy metals, formaldehyde and Category 1A/1B carcinogens.



VIENNA WOODS
QUALITY FLOORING CO.

8. Installation Requirements

- Full glue-down installation using approved MS polymer or polyurethane adhesive.
- Concrete moisture $\leq 75\%$ RH.
- Timber substrate $\leq 14\%$ MC.
- Vapour barrier required over concrete.
- Expansion gap 10–12mm.
- Underfloor heating surface temperature $\leq 27^{\circ}\text{C}$.

9. Maintenance Requirements

- Vacuum regularly.
- Damp mop only using Vienna Woods-approved cleaners.
- Maintain indoor humidity between 40–65%.
- Recoat lacquer before wear-through.

10. Warranty & Legal Position

Warranty operates in addition to the Consumer Guarantees Act 1993 and Building Act 2004.
Liability limited to repair, replacement or refund of product value.

11. Documents to Submit with Consent

- BPIR
- E3 Alternative Solution Letter
- ISO 4760 Moisture Test Report
- Slip Test Report
- Installation Guide
- Warranty Documentation
- Environmental / Emissions Documentation