

Technical Data Sheet

Bestwood Veneer

NOVEMBER 2020



7 Year
Warranty



Made with
Real Wood



Sustainably
Sourced

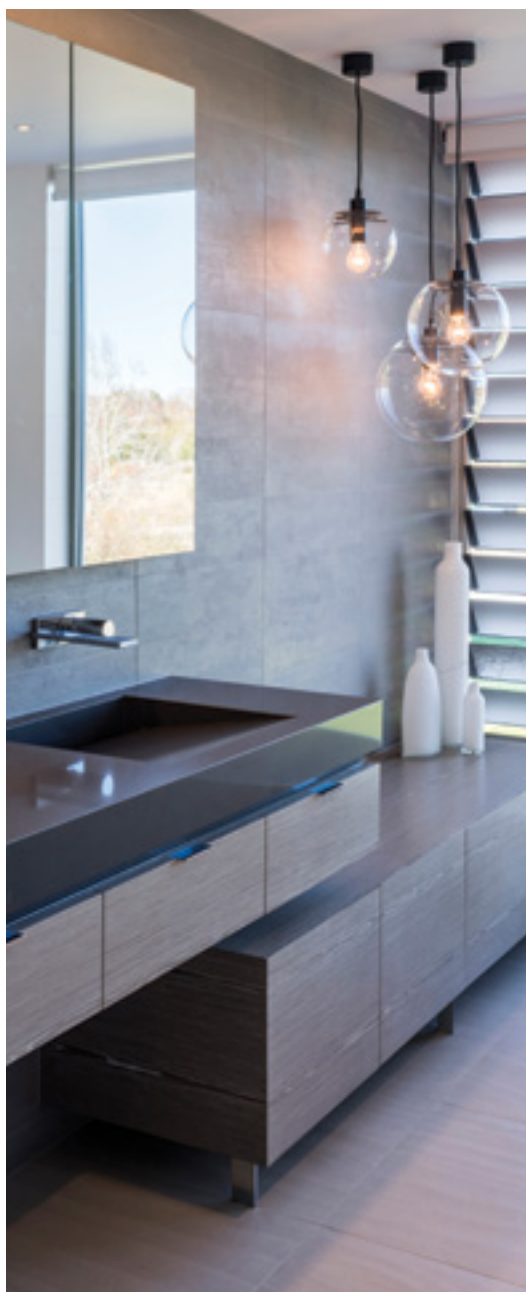


Furniture, Fittings
and Flooring
Licence No. 3210078



Bring the natural richness of real wood to your interior project by combining the warmth and beauty of real timber with the flexibility and practicality of a Bestwood Veneer.

Bestwood Veneer is made up by applying thin wood veneer to a substrate of your choice. Our dedicated team of specialists hand-select and lay up every panel.



1. INTENDED USE

Bestwood Veneer is suitable for residential, commercial, office, retail and hospitality fitouts and furniture. Bestwood offers a wide range of Natural and Recon Veneers, ideal for any project.

2. LIMITATIONS

Bestwood Veneer is not suitable for exterior or interior applications where ambient environmental moisture content is likely to be elevated for extended periods such as interior swimming pools, sauna or industrial wet areas.

The Bestwood Natural and Recon Veneer ranges are made from genuine timber. Just as any timber product can change colour due to ultra-violet light, Bestwood Veneer can also be affected. A change in colour or tone is therefore considered a natural characteristic, not a defect.

In environments with exposure to direct or reflected sunlight, we strongly advise the use of sun blinds and protective UV film or glazing. Please discuss suitability of veneer in projects you're unsure about with a New Zealand Panels Group representative.

Bestwood Veneer must be finished and coated by an experienced professional and using a reputable coating. Please seek advice from a coating supplier for their finishing recommendations. Additional sanding is required before coating is applied.

Bestwood Veneer is not suitable for high wear applications such as benchtops in kitchens and bathrooms, counters or table tops.

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Where Bestwood Veneer is required to meet the requirements of the New Zealand Building Code, or forms part of a building system, the application and supporting structures must be designed by suitably qualified design professionals.

This data sheet should be read in conjunction with the limitations outlined in the relevant Bestwood substrate Technical Data Sheet

3. MANUFACTURE

Bestwood Veneer is sourced from an extensive network of local and international sustainably managed sources. Individual veneers are bonded onto a wood-based substrate in our New Zealand Panels Group Auckland production facility.

With the variations in colour and grain found in timber, each sheet is different therefore your sample should be treated as indicative of that species. If your veneer project requires control, the team at New Zealand Panels Group will match to a control sample as close as nature will allow.

4. PHYSICAL PROPERTIES

As the manufacture of Bestwood Veneer doesn't result in a finished product, physical properties are not possible. Surface properties should be sourced from the coating manufacturer. Additional sanding is required before coating is applied.

5. SUBSTRATE OPTIONS

Bestwood Veneer can be pressed onto a range of substrate options. Please refer to the substrate chart in the Bestwood Veneer section of our website. For specific tolerances and details, refer to the dedicated Technical Data Sheet for each of the substrate options also available on the Bestwood website www.bestwood.co.nz

6. ENVIRONMENTAL CHOICE

Bestwood Veneer carries an Environmental Choice certification when pressed on 9mm MDF or thicker. The Environmental Choice certificate (Licence No. 3210078) for EC-32-17 Furniture, Fittings & Floorings is available to download on the Bestwood website www.bestwood.co.nz

To view all of the Environmental Choice certified products from New Zealand Panels

Group, view our profile on the Environmental Choice [website](#).

7. COMPLIANCE

New Zealand Building Code, Clause C Fire:

Bestwood Veneer has been tested using Bestwood MDF FR as the substrate in accordance with ISO 5660-1, Heat Release and Smoke Production by BRANZ, an accredited testing authority, for the purpose of establishing Group Classification in accordance with the NZBC Verification Method C/VM2 Appendix A. The Group Classification applicable to 10mm – 18mm Bestwood Veneer over Bestwood MDF FR is pending test results.

Clause B2 Durability: Bestwood MDF FR meets the durability requirements for interior linings of five years in accordance with B2 3.1 (c)

8. SUSTAINABILITY

As a leader in the panel industry, New Zealand Panels Group adopts and promotes sustainable business practices designed to minimise our environmental impact.

The company continues to search out alternative products to meet the growing needs of our environmentally conscious customers, while creating processes in our manufacturing plant that are mindful of the environment for future generations.

Some of the sustainable principles include:

- The use of sustainably sourced veneers, melamine and boards.
- Supplying low formaldehyde board. Both MDF Standard and MDF MR are rated E0.
- Reducing our manufacturing waste.
- Developing new processes to minimise energy consumption.
- Our purpose-built plant in East Tamaki features a number of initiatives that have significantly improved our environmental footprint, including a GreenStar 4-star rating for the building.

9. CARE AND MAINTENANCE

Bestwood is unable to provide care recommendations for veneer due to the product requiring additional finishing that is added after production. Please seek the advice of your local joiner or coating supplier.

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10. HEALTH AND SAFETY

Bestwood Veneer should be handled in accordance with the Bestwood Melamine & Veneer Materials Safety Data Sheet (MSDS) which is available online at www.bestwood.co.nz

Dust from wood and resins used in the manufacture of Bestwood Veneer are known health hazards. When machining Bestwood Veneer sheets, including sanding, drilling, planing, routing and sawing, a suitable class P1 or P2 respirator should be worn along with non-fogging safety glasses.

To avoid cuts from sharp edges suitable protective gloves should be worn.

Where Bestwood MDF Standard or MDF MR substrate is selected for Bestwood Veneer, formaldehyde emission class E0 = less than 0.5mg/litre.

11. HANDLING AND STORAGE

Store only in dry interior conditions on a minimum of three bearers across the full width of the panels keeping the panels flat at all times.

- Avoid leaning panels against walls.
- Do not store or transport panels in direct sunlight.
- Store panels where construction traffic and construction activity will not damage panels.
- Treat panels as a finished product and avoid dragging panels on the outer surface or across other surfaces.

12. WARRANTY

New Zealand Panels Group offers a seven year warranty for Bestwood Veneer provided it is used for its intended purpose and stored and installed in accordance with best industry practice, in a tradesman like manner and in accordance with relevant Standards and New Zealand Building Code requirements. To view a copy of the full warranty, please download from our website at www.bestwood.co.nz

13. TECHNICAL SUPPORT

Further information and technical support is available by contacting Bestwood on 0800 866 678. This publication was updated in November 2020. Please ensure that you are using the latest publication by contacting Bestwood or downloading the latest Technical Data Sheet from www.bestwood.co.nz. Bestwood, a business unit of New Zealand Panels Group, reserves the right to make changes to information in this publication without notice.

14. HANDY LINKS AND REFERENCES

Bestwood Veneer Warranty Document
www.bestwood.co.nz

Bestwood Melamine and Veneer MSDS
www.bestwood.co.nz

15. CONTACT US

Bestwood Customer Service
NZ Panels Group
P O Box 258035, Botany
Auckland 2163
Email: sales@bestwood.co.nz
Phone 0800 866 678