CABINETRY & PANELS

Alor

Designed for when every element matters. Pairing unparalleled durability with meticulous craft to ensure perfection in even the smallest of details.



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Forté

RESPONSIBILITY AND DISCLAIMER

Important Information - Read before specifying.

This Specification Sheet is provided as a general reference to assist architects, engineers and other building professionals. It has been developed based on the testing conducted by Forté on the Alor Cabinetry System and the knowledge and consideration of the current construction practises being followed in the industry. It is not an exhaustive specification.

The specifier (or other party responsible for the project) must:

— Verify that the Forté Alor Cabinetry System is suitable for the intended use and site conditions.

— Ensure the final design complies with the New Zealand Building Code (NZBC) and all other applicable laws and standards.

— Complete any additional detailing required for aspects outside the scope of this guide. Advice on this is available from Forté.

Failure to comply with the above, or to use the most up-to-date technical literature, may compromise the Alor Cabinetry System performance, breach statutory obligations and void the Forté product warranty.

Responsibility for the design lies with the specifier or responsible party for the project to ensure the final design meets the requirements of the intended application and the New Zealand Building Code (NZBC).

Limitation of Liability

Except for the express terms of any written Forté warranty that cannot be excluded by law, Forté disclaims all warranties, conditions and liabilities (whether direct, indirect, consequential or otherwise) arising from the use of, or reliance on, this document. To the maximum extent permitted by law, Forté is not liable for loss, damage or injury whatsoever resulting from such use or reliance. Independent professional advice should be obtained for any design matters not expressly covered here.

OVERVIEW

Designated Building Product: Class 1

BPIR DECLARATION

Forté has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product Use Limitations

Forte Timber Veneer Panels are suitable for use as cabinetry and interior wall linings in both commercial and residential applications.

Compliance Statement

Alor cabinetry panels comply with the Building Code when used in accordance with their intended application as non-structural internal joinery elements. Compliance is achieved through adherence to the stated limitations of use, installation requirements, and maintenance guidance, ensuring performance under normal interior service conditions in relation to structural stability (B1), durability (B2), fire performance (C1–C3), and internal moisture control (E3). The product must be installed on suitable substrates using appropriate fixing methods and is not intended for loadbearing, sanitary, or high-moisture applications outside the defined scope of use.

Warning or Ban (Building Act 2004 section 26)

Not applicable

Relevant Guides and Manuals

Design & Usage Guide

Care & Maintenance Guide

All Resources

Product Origin

Europe

Manufacturer & Importer

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OVERVIEW

Relevant NZBC Clauses

B1 STRUCTURE — B1.3.1, B1.3.2, B1.3.3 (J), B1.3.4	Alor panel is a non-structural internal lining system and is not subject to specific structural design requirements under NZBC B1/AS1. Compliance with NZBC B1 is achieved by ensuring the system remains stable under its self-weight and expected service loads, is securely fixed to a suitable substrate, and accommodates building movement without risk of detachment, distortion, or hazardous failure. Assessment may be made in accordance with the principles of B1/VM1.
B2 DURABILITY B2.1.1.1C	Alor panels are intended for internal applications and, when installed and maintained in accordance with the installation instructions, contribute to compliance with NZBC Clause B2. The panels are supported by a 7-year manufacturer's warranty covering material and manufacturing performance under normal interior conditions.
C1 LIMITING HEAT TRANSFER C1.3.2 / C/VM1	Alor panels are not intended for use in locations where surface temperatures may exceed 70°C. Where installed in proximity to heat-producing appliances, appropriate clearances, ventilation, and detailing must be provided to ensure surface temperatures remain within acceptable limits in accordance with C1.3.2.
C2 PREVENTION OF FIRE OCCURRING C2.2	Alor panels have been tested and classified as Group 3 in accordance with C/VM2. The product shall be used within the tested system and scope of application. If a higher rating is required, and intumescent coating system may be applied, subject to system testing and confirmation.
C3 FIRE AFFECTING AREAS BEYOND FIRE SOURCE C3.4(A)	Where a Group 3 surface finish is permitted by the Consent requirements, Alor panels may contribute to compliance with NZBC Clause C3. Where a higher group rating is required, an intumescent coating may be applied to achieve this.
E3 INTERNAL MOISTURE E3.3.4, E3.3.5, E3.3.6	Alor panels are suitable for interior dry environments when installed in accordance with the installation instructions and appropriate building detailing.
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	Alor panels achieve a Super E0 formaldehyde emission rating, contributing to compliance with NZBC Clause F2.
G3 FOOD PREPARATION & PREVENTION OF CONTAMINATION G3.3.2	Alor panels feature a durable, easy-to-clean UV lacquer finish. However, they are not intended for use as sanitary working surfaces and are not suitable for food preparation areas. As a precaution, they should not be used as kitchen benchtops or in any application requiring a hygienic, foodsafe surface.

SPECIFICATIONS

Construction

CONSTRUCTION	MR MDF
VENEER THICKNESS	0.6mm
CORE	MR MDF

Characteristics

SPECIES	European Oak
	American Walnut (Ember)
COLOUR VARIATION	Moderate
LAYON SPLICING	Planked (Mismatch)
SURFACE TEXTURE	Lightly Brushed (Both Faces)
SURFACE FINISH TYPE	Prefinished UV Cured Lacquer
SURFACE SHEEN LEVEL	Extra Matte

Accreditations

SUSTAINABILITY	Sustainably Sourced (FSC available on request)
BPIR COMPLIANT	Yes

Technical Specifications

WEAR LAYER DENSITY	740 kg/m^3 ±7%
REACTION TO FIRE CEILINGS AND WALLS ISO 9705	Group 3 (Group 1S can be achieved with FR Core).
FORMALDEYHDE EMISSION AS/NZS 2098.11	Super E0

2440mm Panel Information – 1F1B

PIECES PER PACK	1 Panel
UNIT WEIGHT	43.06kg
SURFACE AREA	2.98m^2

3050mm Panel Information – 1F1B

PIECES PER PACK	1 Panel
UNIT WEIGHT	53.82kg
SURFACE AREA	3.721m^2

3050mm Skin Panel Information – 1FAB

PIECES PER PACK	1 Skin Panel
UNIT WEIGHT	19.83kg
SURFACE AREA	3.721m^2

19MM PANEL - 1F1B



7MM SKIN PANEL - 1FAB



COLOURS



COVE



FAWN



SOLIS



TUSK



ASTA



EMBER



OCHRE



NOX



INCA

PRODUCT SPECIFICATIONS

COLOUR	FORMAT	GRADE – FACE	GRADE – BACK	VENEER CUT – FACE	VENEER CUT – BACK	CODE	DIMENSIONS (MM)
Asta	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-A-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-A-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter/Crown Cut	–	AL-A-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-A-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-A-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-A-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-A-EN48-V3	1 x 48 x 50m
Cove	Panel	Prime	Cabinetry	Quarter Cut	Quarter Cut	AL-C-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter Cut	Quarter Cut	AL-C-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter Cut	–	AL-C-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-C-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-C-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-C-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-C-EN48-V3	1 x 48 x 50m

COLOUR	FORMAT	GRADE – FACE	GRADE – BACK	VENEER CUT – FACE	VENEER CUT – BACK	CODE	DIMENSIONS (MM)
Ember	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-E-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-E-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter/Crown Cut	–	AL-E-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-E-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-E-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-E-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-E-EN48-V3	1 x 48 x 50m
Fawn	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-F-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-F-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter/Crown Cut	–	AL-F-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-F-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-F-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-F-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-F-EN48-V3	1 x 48 x 50m

COLOUR	FORMAT	GRADE – FACE	GRADE – BACK	VENEER CUT – FACE	VENEER CUT – BACK	CODE	DIMENSIONS (MM)
Inca	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-I-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-I-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter/Crown Cut	–	AL-I-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-I-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-I-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-I-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-I-EN48-V3	1 x 48 x 50m
Nox	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-N-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-N-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter/Crown Cut	–	AL-N-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-N-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-N-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-N-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-N-EN48-V3	1 x 48 x 50m

COLOUR	FORMAT	GRADE – FACE	GRADE – BACK	VENEER CUT – FACE	VENEER CUT – BACK	CODE	DIMENSIONS (MM)
Ochre	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-O-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter/Crown Cut	Quarter/Crown Cut	AL-O-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter/Crown Cut	–	AL-O-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-O-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-O-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-O-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-O-EN48-V3	1 x 48 x 50m
Solis	Panel	Prime	Cabinetry	Quarter Cut	Quarter Cut	AL-S-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter Cut	Quarter Cut	AL-S-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter Cut	–	AL-S-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-S-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-S-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-S-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-S-EN48-V3	1 x 48 x 50m

COLOUR	FORMAT	GRADE – FACE	GRADE – BACK	VENEER CUT – FACE	VENEER CUT – BACK	CODE	DIMENSIONS (MM)
Tusk	Panel	Prime	Cabinetry	Quarter Cut	Quarter Cut	AL-T-1F1B-A1-V3	19/0.6 x 1220 x 3050
	Panel	Prime	Cabinetry	Quarter Cut	Quarter Cut	AL-T-1F1B-A2-V3	19/0.6 x 1220 x 2440
	Skin Panel	Prime	–	Quarter Cut	–	AL-T-1FAB-A7-V3	7/0.6 x 1220 x 3050
	ABS Edgebanding	–	–	–	–	AL-T-EA23-V3	1 x 23 x 50m
	ABS Edgebanding	–	–	–	–	AL-T-EA43-V3	1 x 43 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-T-EN24-V3	1 x 24 x 50m
	Natural Edgebanding	Prime	–	–	–	AL-T-EN48-V3	1 x 48 x 50m

GRADE

Prime

Prime grade timber delivers a refined, natural look with subtle character. While predominantly uniform, it may feature small knots and gentle variations in colour, adding a touch of texture and authenticity. This grade strikes a balance between clean lines and the organic charm of natural wood, making it perfect for spaces that demand both elegance and warmth.







PANEL GRADE - OVERVIEW

1F1B





A Face (Front Face)	
FINISH	Prefinished Colour-Stain with UV-Cured Lacquer
SPECIES	European Oak American Walnut – Ember Only
KNOTS	Small Knots – Limited Quantity
OPEN DEFECTS	Not Accepted
CRACKS	Up to 2cm From the Edge
NATURAL FEATURES	Moderate
FOILING	Clear Foil

B Face (Back Face)	
FINISH	Prefinished Colour-Stain with UV-Cured Lacquer
SPECIES	European Oak American Walnut – Ember Only
KNOTS	Small Knots – Unlimited Quantity
OPEN DEFECTS	Very Limited
CRACKS	Up to 2cm From the Edge
NATURAL FEATURES	Moderate
FOILING	Blue Marked Foil

1FAB





A Face	
FINISH	Prefinished Colour-Stain with UV-Cured Lacquer
SPECIES	European Oak American Walnut – Ember Only
KNOTS	Small Knots – Limited Quantity
OPEN DEFECTS	Not Accepted
CRACKS	Up to 2cm From the Edge
NATURAL FEATURES	Moderate
FOILING	Clear Foil

Back	
FINISH	Unfinished Balancing layer only
SPECIES	Any
KNOTS	Up to Moderate Sized Knots – Unlimited Quantity
OPEN DEFECTS	Limited
CRACKS	Up to 2cm From the Edge
NATURAL FEATURES	Pronounced
FOILING	–

COLOUR VARIATION - A FACE



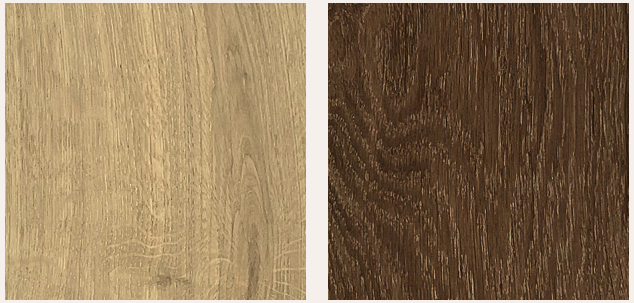
Subtle Colour Variation (Darker Colours, Prime and Light Feature Planks)

Darker colours, as well as prime and light feature planks, tend to have less colour variation. This is because the darker stains tend to mask any natural variations, creating a more uniform look across the planks. Prime and light feature planks are generally cleaner, with fewer natural imperfections or markings, making them more consistent in colour once the stain is applied. As a result, the overall appearance presents minimal differences between planks.



Moderate Colour Variation (Standard Natural Timber)

Natural timber products typically exhibit moderate colour variation, which is part of their charm and character. While there may be some variation between planks, it should not be excessive. Some timber products, depending on the colour, will naturally show more variation—particularly lighter or darker tones—but this is normal and enhances the timber's natural appeal.



Pronounced Colour Variation (Smoked and Reactive Stains)

Timber that is smoked or has been finished with a reactive stain display more pronounced colour variation. The stain interacts differently with the timber, often creating a more dramatic contrast between planks. Factors such as the hardness or softness of the timber can also cause it to absorb more or less stain, leading to darker or lighter planks. Additionally, the amount of time the stain is left on the wood can cause more significant colour variation between batches.

CARE & MAINTENANCE

RESIDENTIAL

EVERYDAY CLEANING	Timber cabinetry should be cleaned as often as it appears dirty. It is recommended to dust the product prior to cleaning (especially if the surface of the product is textured) using a microfibre dusting cloth. Wipe Spills & Splashes immediately.
AS REQUIRED	Generally a dry microfibre cloth can be used to dust and wipe down the area. Where more attention is required, a mild pH neutral multi-purpose cleaner, such as Ecostore Multi-purpose cleaner, is suitable for most wood cabinetry with a polyurethane lacquer. When cleaning, ensure your cloth or cleaning pad is damp to the touch (not dripping wet), as excess water can lead to coating issues as well as swelling of the product. If using a spray cleaner, spray it onto the cloth, not the timber veneer. Always use a cleaning product that is non-abrasive, with a neutral pH and approved for the type of finish on your cabinetry and test the product in an inconspicuous area first. Forté do not take responsibility for the maintenance regime for Alor unfinished as there are different cleaning and maintenance requirements for certain lacquers and finishes. Please refer to the coating supplier for information on the best products to use. Please note: for commercial projects we can supply personalised cleaning programmes as part of the Forte Aftercare Service. Enquire with our team for more information

COMMERCIAL

EVERYDAY CLEANING	For commercial projects we can supply personalised cleaning programmes as part of the Forté Aftercare Service. Enquire with our team for more information.

CARE & MAINTENANCE

CARE & MAINTENANCE GUIDE

Providing essential information on cleaning techniques, repair advice and protective measures, our Care & Maintenance Guide helps you maintain your Alor Cabinetry & Panelling's appearance and ensure long-term durability in all environments.



STRUCTURAL WARRANTY

RESIDENTIAL	**Alor 7 Year Residential Structural Warranty** The Alor Collection comes with a full 7 year Residential Structural Warranty. For full warranty T&Cs, please visit **www.forte.co.nz**
COMMERCIAL	**Alor 7 Year Commercial Structural Warranty** The Alor Collection comes with a full 7 year Commercial Structural Warranty. For full warranty T&Cs, please visit **www.forte.co.nz**

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