



# ALOR PREFINISHED VENEER PANEL SPECIFICATION SHEET



## PRODUCT DETAILS

<b>Collection</b>	Alor prefinished veneer panel
<b>Species</b>	European oak (Cove & Solis) Amercian walnut (Ember) European ash (Vanta)
<b>Availability</b>	Stocked option 1: 19/0.6 T x 3050 L x 1220mm W veneer panel Stocked option 2: 19/0.6 T x 2440 L x 1220mm W veneer panel Additional options available on custom order - refer to product list
<b>Finish</b>	Prefinished (UV-lacquer)
<b>Surface sheen</b>	Extra matte (3-6%)
<b>Warranty</b>	7 years - For T&C's see <a href="http://www.forte.co.nz/warranties">www.forte.co.nz/warranties</a>
<b>Crafted in</b>	Europe

*\*The Alor collection is available in different veneer and core options depending on requirements. See page 5-6 for further information.*

## ACCESSORIES

<b>Edgebanding</b>	Option 1: Alor DUO timber edgebanding (24/48mm) Option 2: Alor natural timber edgebanding (24/48mm)
<b>Matching touch-up pens</b>	Matching lacquer touch up pens (for use with natural timber edgebanding)

## TECHNICAL SPECIFICATIONS

<b>Environmental certification</b>	FSC mix	
<b>Density</b>	730 kg/m <sup>3</sup> +/- 7% (MDF Core)	
<b>Thickness tolerance</b>	+/- 2mm	
<b>Length/width tolerance</b>	+/- 2mm/m	
<b>Squareness tolerance</b>	+/- 2mm/m	
<b>Flatness</b>	2mm/m	
<b>Swelling in thickness</b>	8% (18mm MR MDF)	
<b>Internal bond</b>	0.75 N/mm <sup>2</sup>	
<b>Bending strength</b>	30 N/mm <sup>2</sup>	
<b>Modus of elasticity in bending</b>	2700 N/mm <sup>2</sup>	
<b>Moisture content</b>	6-10%	
<b>LRV</b>	Cove 39.19 Vanta 4.85	Solis 36.05 Ember 16.51
<b>Thermal resistance</b>	0.18m <sup>2</sup> K/W (18mm MR MDF)	
<b>VOC emissions (formaldehyde)</b>	E1	
<b>Reaction to fire (walls &amp; ceilings)</b>	Depends on selected core (refer to core chart) FR core: group 1s, all others: group 3	

# Installation, Handling & Care

## INSTALLATION & USE - CABINETRY PANEL

**Installation method** Cut to size, edge banded, stained and finished by cabinetmaker

**Suitable applications** Kitchen, wardrobe, and other cabinetry

**Edge type** Square edge (Duo and Natural edge banding available)

## INSTALLATION & USE - WALL & CEILING LINING

**Installation method** FastMount panel mounting system (recommended)  
Timber or aluminium split batten/french cleat (wall installations only)

**Suitable applications** Walls & ceiling linings

**Edge type** Square edge (Duo and Natural edge banding available)

**Suitable uses** Residential & commercial walls & ceilings  
(FR core required for some commercial applications)

**Wet area suitability** Not recommended for use in bathrooms

The Alor collection must be installed by a trained professional. If installed as lining, it is recommended that the panels are stained and finished before installation. Please ensure that you have read and understood the installation guidelines before proceeding to install Alor veneer panels. If you have any questions or concerns, please call the Forté technical team on 0508 35 66 77. Failure to adhere to the Forté Installation Guidelines may void your warranty.

For full installation guidelines, please visit [www.forte.co.nz/installation](http://www.forte.co.nz/installation)

## STORAGE AND HANDLING INFORMATION

### 3050mm panel

**Size** 3.721m<sup>2</sup> Sheet

**Weight** 53.82kg per panel

### 2440mm panel

**Size** 2.9768m<sup>2</sup> Sheet

**Weight** 43.06kg per panel

- Treat panels as finished product and avoid dragging across surfaces (lift and place panels when moving).
- Keep panels horizontal and on a flat surface and avoid leaning vertically in storage and handling.
- Store in dry interior conditions.

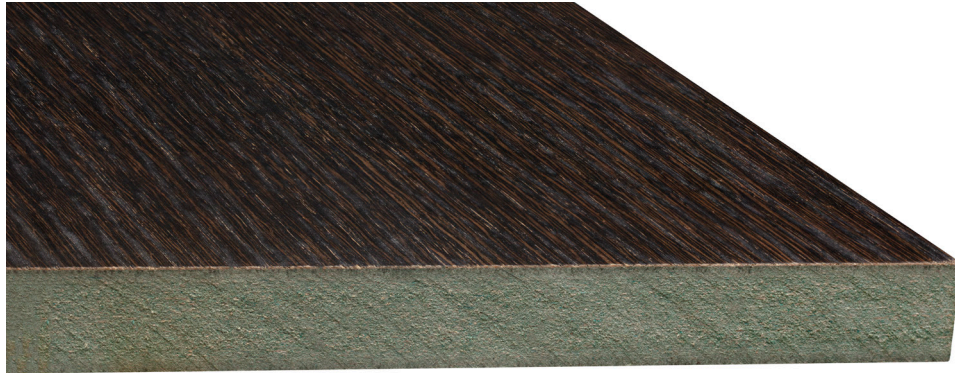
## CARE AND MAINTENANCE

### Residential and commercial care and maintenance

Forté's product specialists have collated our care and maintenance recommendations to ensure your cabinetry and wall linings look like new for years to come. Residential and commercial projects require different levels of care and maintenance. Visit [www.forte.co.nz/careandmaintenance](http://www.forte.co.nz/careandmaintenance)

# Panel Profile & Accessories

## PANEL PROFILE PRE-EDGE BANDING



## PANEL PROFILE WITH EDGE BANDING



## ACCESSORIES

Duo edgebanding 24mm



Duo edgebanding 48mm



Natural edgebanding 0.5mm (24/48mm)



Natural edgebanding 2mm (24/48mm)



### Finishing lacquer pen

A pigmented 11ml lacquer pen in matching Alor colours, used to touch up and repair panels, including touch-up's required after edge banding. Transparent lacquer pen also available to suit all four colours



## Veneer Colour Options



**COVE OAK** (QUARTER CUT)



**SOLIS OAK** (QUARTER CUT)



**EMBER WALNUT** (QUARTER AND CROWN CUT)



**VANTA ASH** (QUARTER AND CROWN CUT)

# Specification Details

## CORE OPTIONS (ENQUIRE IF CORE SPECIFICATION REQUIRED NOT LISTED)

	Core A	Core B	Core C	Core D
Type	MR MDF	FR MDF	MR MDF	FR MDF
Colour	Green dyed	Red dyed	Green dyed	Red dyed
Format	Panel	Panel	Flexible panel (for 1 side use)	Flexible panel (for 1 side use)

## DIMENSION OPTIONS (ENQUIRE IF DIMENSION SPECIFICATION REQUIRED NOT LISTED)

	Dimensions 1	Dimensions 2
T x L x W	19 x 3050 x 1220mm panel	19 x 2440 x 1220mm panel
	Dimensions 3	Dimensions 4
T x L x W	13 x 3050 x 1220mm panel	13 x 2440 x 1220mm panel

## VENEER OPTIONS (REFER TO NEXT PAGE FOR DETAIL)

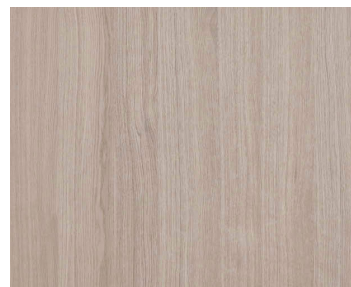
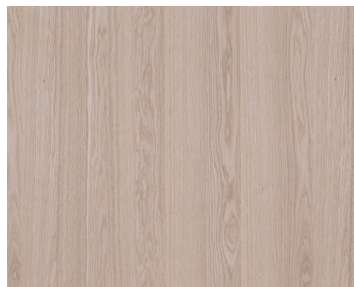
	1F1B panel		1FAB panel		F2S panel (face two sides)	
Description	Panel has 1 face veneer and 1 back veneer		Panel has 1 face veneer and any back veneer		Panel has 2 face veneers	
Status	Stocked		Custom order		Custom order	
Cost	\$\$		\$		\$\$\$	
Common use	Cabinetry panel		Lining panel		2 sides visible	
Veneer detail	Face veneer	Back veneer	Face veneer	Back veneer	Face veneer	Back Veneer
Cove oak	Veneer 02	Veneer 04	Veneer 02	Veneer 05	Veneer 02	Veneer 02
Solis oak	Veneer 02	Veneer 04	Veneer 02	Veneer 05	Veneer 02	Veneer 02
Ember walnut	Veneer 01	Veneer 04	Veneer 01	Veneer 05	Veneer 01	Veneer 01
Vanta ash	Veneer 01	Veneer 04	Veneer 01	Veneer 05	Veneer 01	Veneer 01

# Veneer Details

## FACE AND BACK VENEER OPTIONS

	Veneer 01 Prime Grade Face QC/CC Mix	Veneer 02 Prime Grade Face QC Only	Veneer 04 Cabinetry Back	Veneer 05 Balancing Back
<b>Thickness</b>	0.6mm	0.6mm	0.6mm	0.6mm
<b>Brushing</b>	Lightly brushed	Lightly brushed	No brushing	No brushing
<b>Use</b>	Face	Face	Back	Back
<b>Grade<sup>A</sup></b>	Clear grade face	Clear grade face	Cabinetry back	-
<b>Layon (Splicing)<sup>B</sup></b>	Planked (mismatch)	Planked (mismatch)	Planked (mismatch)	-
<b>Veneer Cut<sup>C</sup></b>	Quarter & crown cut mix	Quarter cut only	Same as selected face veneer	-

Photo



## A - GRADE DETAILS

<b>Prime grade face</b>	A prime grade face has a clean appearance with minimal colour variations. Knots are limited in visibility and only in wood colour.
<b>Cabinetry grade back</b>	Cabinetry grade back has more colour variation allowed and may contain a small number of healthy and pin knots.
<b>Balancing grade back</b>	Any grade from any species, for balancing purposes only.

## B - LAYON (SPLICING) DETAILS

<b>Planked (mismatch)</b>	The planked/mismatch method of splicing creates the most natural appearance as the patterns are not repeated. This method cannot be imitated by melamine or HPL.
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## C - VENEER CUT DETAILS

		<b>Crown Cut</b> Crown cut veneers display more grain variation across the panel with cathedral grain structures. This cut is best suited to mid-dark shades (e.g. greys, browns, and dark colours)
		<b>Quarter Cut</b> Quarter cut veneers generally display straight-grain (with some slight variation) which creates a cleaner and more consistent appearance. This cut is best suited to lighter shades (e.g. natural and blond colours)

# Alor Stocked Collection

## STOCKED COLLECTION

MINIMUM ORDER QUANTITY - 1 PANEL | LEAD TIME - 1 WEEK

Type	Code	Colour	Core	Dimensions	Veneer
Cabinetry veneer panel	AL-C-1F1B-A1	Cove Oak	Core A (MR MDF)	Dimensions 1 (19 x 3050 x 1220mm)	1F1B (1 face, 1 back)
Cabinetry veneer panel	AL-C-1F1B-A2	Cove Oak	Core A (MR MDF)	Dimensions 2 (19 x 2440 x 1220mm)	1F1B (1 face, 1 back)
Duo edgebanding	AL-C-E1	Cove Oak	-	Edgebanding 1 (1mm T x 24mm W x 50m L)	-
Duo edgebanding	AL-C-E2	Cove Oak	-	Edgebanding 2 (1mm T x 48mm W x 50m L)	-
Natural edgebanding	AL-C-E3	Cove Oak	-	Edgebanding 3 (0.5mm T x 24mm W x 50m L)	-
Natural edgebanding	AL-C-E4	Cove Oak	-	Edgebanding 4 (0.5mm T x 48mm W x 50m L)	-
Finishing lacquer pen	AL-C-P1	Cove Oak	-	-	-
Cabinetry veneer panel	AL-E-1F1B-A1	Ember Walnut	Core A (MR MDF)	Dimensions 1 (19 x 3050 x 1220mm)	1F1B (1 face, 1 back)
Cabinetry veneer panel	AL-E-1F1B-A2	Ember Walnut	Core A (MR MDF)	Dimensions 2 (19 x 2440 x 1220mm)	1F1B (1 face, 1 back)
Duo edgebanding	AL-E-E1	Ember Walnut	-	Edgebanding 1 (1mm T x 24mm W x 50m L)	-
Duo edgebanding	AL-E-E2	Ember Walnut	-	Edgebanding 2 (1mm T x 48mm W x 50m L)	-
Natural edgebanding	AL-E-E3	Ember Walnut	-	Edgebanding 3 (0.5mm T x 24mm W x 50m L)	-
Natural edgebanding	AL-E-E4	Ember Walnut	-	Edgebanding 4 (0.5mm T x 48mm W x 50m L)	-
Finishing lacquer pen	AL-E-P1	Ember Walnut	-	-	-
Cabinetry veneer panel	AL-S-1F1B-A1	Solis Oak	Core A (MR MDF)	Dimensions 1 (19 x 3050 x 1220mm)	1F1B (1 face, 1 back)
Cabinetry veneer panel	AL-S-1F1B-A2	Solis Oak	Core A (MR MDF)	Dimensions 2 (19 x 2440 x 1220mm)	1F1B (1 face, 1 back)
Duo edgebanding	AL-S-E1	Solis Oak	-	Edgebanding 1 (1mm T x 24mm W x 50m L)	-
Duo edgebanding	AL-S-E2	Solis Oak	-	Edgebanding 2 (1mm T x 48mm W x 50m L)	-
Natural edgebanding	AL-S-E3	Solis Oak	-	Edgebanding 3 (0.5mm T x 24mm W x 50m L)	-
Natural edgebanding	AL-S-E4	Solis Oak	-	Edgebanding 4 (0.5mm T x 48mm W x 50m L)	-
Finishing lacquer pen	AL-S-P1	Solis Oak	-	-	-
Cabinetry veneer panel	AL-V-1F1B-A1	Vanta Ash	Core A (MR MDF)	Dimensions 1 (19 x 3050 x 1220mm)	1F1B (1 face, 1 back)
Cabinetry veneer panel	AL-V-1F1B-A2	Vanta Ash	Core A (MR MDF)	Dimensions 2 (19 x 2440 x 1220mm)	1F1B (1 face, 1 back)
Duo edgebanding	AL-V-E1	Vanta Ash	-	Edgebanding 1 (1mm T x 24mm W x 50m L)	-
Duo edgebanding	AL-V-E2	Vanta Ash	-	Edgebanding 2 (1mm T x 48mm W x 50m L)	-
Natural edgebanding	AL-V-E3	Vanta Ash	-	Edgebanding 3 (0.5mm T x 24mm W x 50m L)	-
Natural edgebanding	AL-V-E4	Vanta Ash	-	Edgebanding 4 (0.5mm T x 48mm W x 50m L)	-
Finishing lacquer pen	AL-V-P1	Vanta Ash	-	-	-

# Alor Custom Order Collection

## CODE BREAKDOWN

Alor Collection	Colour	Core	Dimensions	Veneer
AL	-	A	1	1FAB (1 face, any back)

## CUSTOM ORDER COLLECTION

MINIMUM ORDER QUANTITY - 25 PANELS | LEAD TIME - 16 WEEKS

Type	Code	Colour	Core	Dimensions	Veneer
Residential lining veneer panel	AL-C-1FAB-A3	Cove Oak	Core A MR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-C-1FAB-A4	Cove Oak	Core A MR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-C-1FAB-B3	Cove Oak	Core B FR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-C-1FAB-B4	Cove Oak	Core B FR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-S-1FAB-A3	Solis Oak	Core A MR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-S-1FAB-A4	Solis Oak	Core A MR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-S-1FAB-B3	Solis Oak	Core B FR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-S-1FAB-B4	Solis Oak	Core B FR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-V-1FAB-A3	Vanta Ash	Core A MR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-V-1FAB-A4	Vanta Ash	Core A MR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-V-1FAB-B3	Vanta Ash	Core B FR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-V-1FAB-B4	Vanta Ash	Core B FR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-E-1FAB-A3	Ember Walnut	Core A MR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Residential lining veneer panel	AL-E-1FAB-A4	Ember Walnut	Core A MR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-E-1FAB-B3	Ember Walnut	Core B FR MDF	Dimensions 3 (13 x 3050 x 1220mm)	1FAB (1 face, any back)
Commercial lining veneer panel	AL-E-1FAB-B4	Ember Walnut	Core B FR MDF	Dimensions 4 (13 x 2440 x 1220mm)	1FAB (1 face, any back)