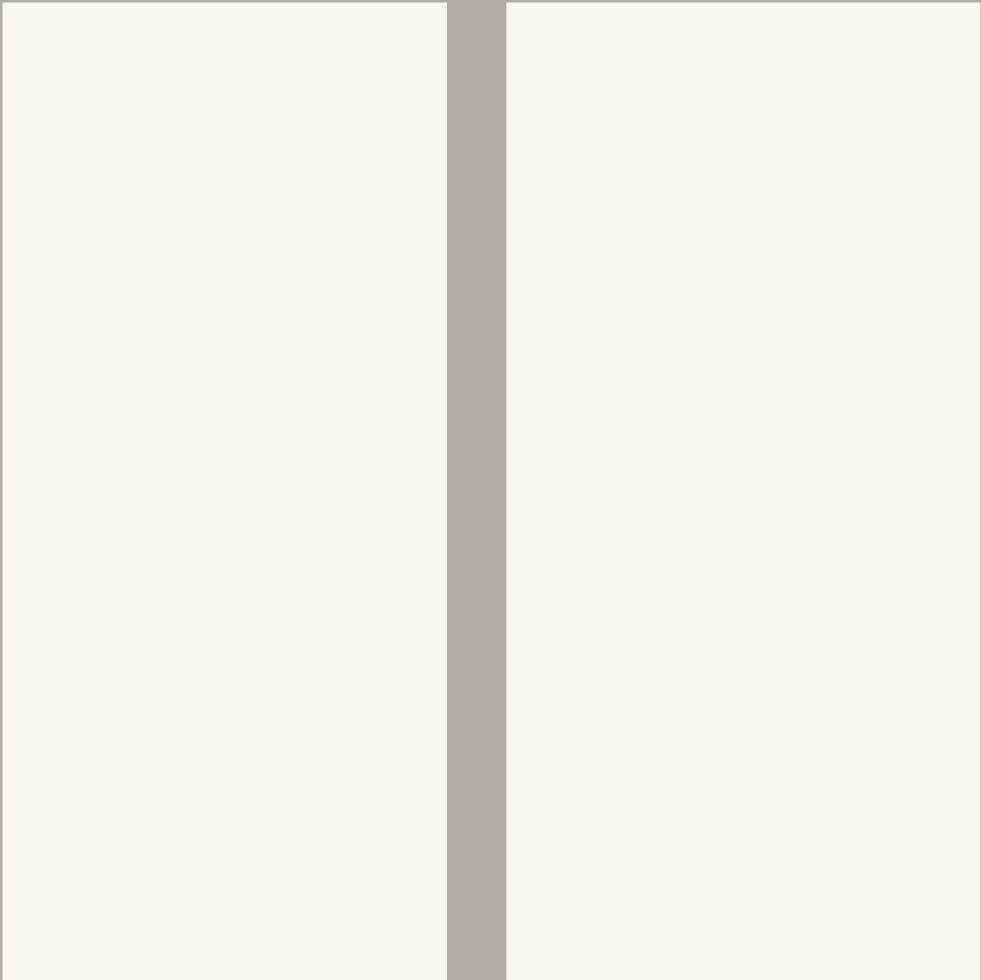


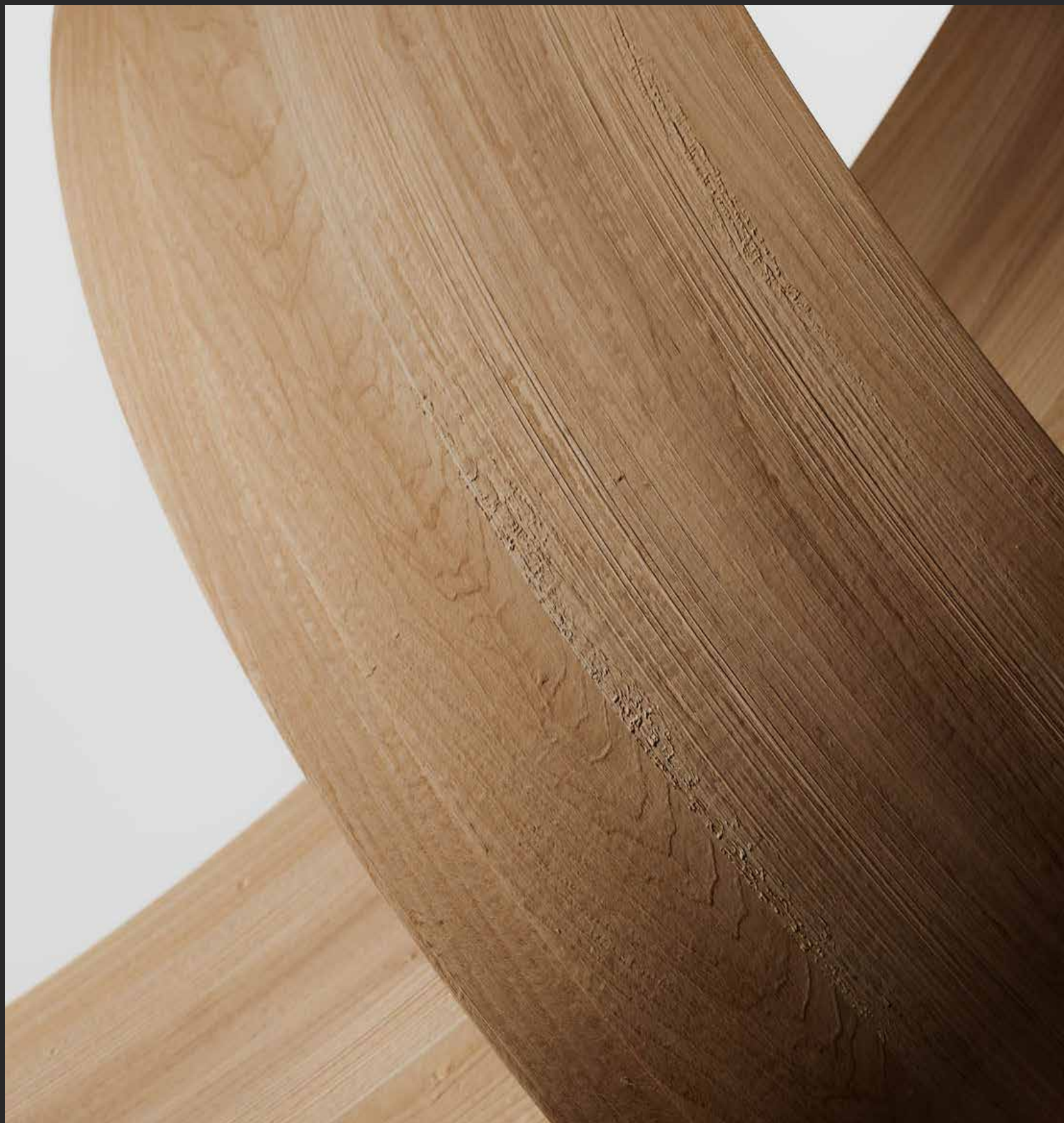
Wall and Cabinetry



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PRODUCT OVERVIEW





Alor offers unparalleled durability through a UV-cured lacquer finish, a meticulously curated selection of premium timber species, and innovative Duo Edgebanding for enhanced protection, ensuring that every design element comes together seamlessly and beautifully.

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1 . 1

PRODUCT OVERVIEW

COLOUR	CODE	NAME	CORE	STATUS	LEAD TIME	PANEL DIMENSIONS
	AL-C-1F1B-A1 AL-C-1F1B-A2	Cove	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-T-1F1B-A1 AL-T-1F1B-A2	Tusk	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-S-1F1B-A1 AL-S-1F1B-A2	Solis	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-A-1F1B-A1 AL-A-1F1B-A2	Asta	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-O-1F1B-A1 AL-O-1F1B-A2	Ochre	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-E-1F1B-A1 AL-E-1F1B-A2	Ember	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-N-1F1B-A1 AL-N-1F1B-A2	Nox	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-V-1F1B-A1 AL-V-1F1B-A2	Vanta	MR MDF	Stocked	1 Week	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-UQ-1F1B-A1 AL-UQ-1F1B-A2	Unfinished QC	MR MDF	Stocked	24 Weeks	19 x 3050 x 1220mm 19 x 2440 x 1220mm
	AL-UQC-1F1B-A1 AL-UQC-1F1B-A2	Unfinished QC/CC	MR MDF	Stocked	16 Weeks	19 x 3050 x 1220mm 19 x 2440 x 1220mm



1 . 2

PREFINISHED VENEER PANELS

Colours



DIMENSIONS	Alor prefinished veneer panel
SPECIES	European Oak (Cove, Tusk, Solis, Asta, Ochre & Nox) American Walnut (Ember) European Ash (Vanta)
AVAILABILITY	Stocked Option 1: 19/0.6 T x 3050 L x 1200mm 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
FINISH	Prefinished (UV-lacquer)
CORE	MR MDF
SURFACE SHEEN	Extra matte (3-6%)
WARRANTY	7 Years - For T&C's see www.forte.co.nz/warranties
CRAFTED IN	Europe

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

PANEL PROFILE WITHOUT
EDGE BANDING



PANEL PROFILE WITH
EDGE BANDING

Edgebanding applied
by cabinet maker



UNFINISHED VENEER PANELS



UNFINISHED CC



UNFINISHED QC/CC

DIMENSIONS	Alor prefinished veneer panel
SPECIES	European Oak
AVAILABILITY	Stocked Option 1: 19/0.6 T x 3050 L x 1200mm W veneer panel Stocked Option 2: 19/0.6 T x 2440 L x 1220mm W veneer panel
FINISH	Unfinished
WARRANTY	7 Years - For T&C's see www.forte.co.nz/warranties
CRAFTED IN	Europe

* The Alor Collection is availalbe in different veneer and core options depending on requirements.
See page 20 - 23 for further information.

1 . 3

EDGEBANDING

Edgebanding

Our Duo Edgebanding combines the authentic beauty of real timber veneer with the strength of ABS backing to provide an innovative and resilient solution to the edges of Alor veneer panels.

Option 1: Alor DUO timber edgebanding (24/48mm)

Option 2: Alor natural timber edgebanding (24/48mm)

PREFINISHED EDGEBANDING

Duo edge banding combines the beauty of a natural timber veneer with the strength of ABS backing, to provide a resilient, moisture-resistant edge banding solution that is suitable for wet and high-use areas.

The edge banding consists of a 0.5mm ABS base layer and colour-matched 0.5mm prefinished timber surface layer, to provide superior performance and durability.



DUO EDGEBANDING 24MM



DUO EDGEBANDING 48MM

NATURAL EDGEBANDING

When selecting natural edge banding, edges will need to be sealed using a finishing lacquer pen to provide a waterproof seal.

Deciding on which edge banding solution is best suited for your project will depend on the application and use of the cabinetry.



NATURAL EDGEBANDING 1MM (24/48MM)



NATURAL EDGEBANDING 2MM (24/48MM)

1 . 4

ACCESSORIES

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 edgebanding. Transparent lacquer pen also available to suit all eight colours.



MATCHING TOUCH-UP PENS

Matching lacquer touch-up pens (for use with natural timber edgebanding)



SCOPE OF USE





Alor veneer panels are designed for interior use in residential and commercial projects, bringing refined timber finishes to cabinetry, joinery, wall panelling and feature applications.

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2.4	Installation & Handling	17

2 . 1

SCOPE & LIMITATIONS OF USE

The following guidance outlines where Forté Alor Veneer Panels can be used, and any limitations or conditions that apply to ensure safe, compliant and long-lasting installations.

SCOPE	LIMITATIONS
INTERIOR WALL LININGS & CABINETRY	<ul style="list-style-type: none">— Alor is not suitable for exterior applications— Alor is not suitable in high-wear applications such as counters, benchtops or tabletops— Alor in not intended as structural bracing
KITCHENS & BATHROOMS – WET AREAS	<ul style="list-style-type: none">— Alor is not suitable in applications where humidity is expected to reach 70%RH or above - pools, saunas, unventilated laundries etc— Alor is not suitable for horizontal surfaces on bathroom or kitchen cabinetry
KITCHENS & LIVING SPACES – HEAT SOURCES	<ul style="list-style-type: none">— Alor must not be placed near a heat source that will cause the surface temperature to exceed 70°C— Alor is not suitable as a kitchen splashback or rangehood

2 . 2

COMPLIANCE

NZ BUILDING CODE CLAUSE	DEMONSTRATED BY
B2 DURABILITY B2.3.1 (C)(I)(II)	<div><div>—</div>Alor panels have a 7-year product warranty, ensuring Alor will be free from delamination or defects for 7 years from the purchase date.</div> <div><div>—</div>Alor’s UV lacquer coating protects the panels’ surface layer and core.</div>
C2 PREVENTION OF FIRE OCCURRING C2.2	<div><div>—</div>Alor panels are deemed to comply with Group 3 as per Table A1 of Appendix A in C/VM2 and is to be used as per scope of limitations.</div>
KITCHENS & LIVING SPACES – HEAT SOURCES	<div><div>—</div>Alor must not be placed near a heat source that will cause the surface temperature to exceed 70°C</div> <div><div>—</div>Alor is not suitable as a kitchen splashback or rangehood</div>
C3 FIRE AFFECTING AREAS BEYOND FIRE SOURCE C3.4(A)	<div><div>—</div>Alor can be used in accordance with specified performance requirements in various areas of the building as determined by C3.4(a)</div>
E3 INTERNAL MOISTURE E3.3.4, E3.3.5, E3.3.6	<div><div>—</div>Alor has a UV lacquer that is durable and easy to clean. However, as a precaution, we do not recommend it be used in close proximity to high-risk splash areas such as kitchen splashbacks and rangehoods or horizontal surfaces for bathroom cabinetry and in rooms where the humidity is expected to reach 70% RH or above (e.g. sauna, pool room, unventilated laundry)</div>
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	<div><div>—</div>Alor veneer panels achieved an E1 formaldehyde emission rating and are safe to handle.</div>
G3 FOOD PREPARATION & PREVENTION OF CONTAMINATION G3.3.2	<div><div>—</div>Alor has a UV lacquer that is durable and easy to clean. However, as a precaution, we do not recommend for it to be used in close proximity to high-risk splash areas such as kitchen splashbacks and rangehoods</div> <div><div>—</div>Any areas where it could be exposed to damage by boiling oil and/or hot steam</div>

2 . 3

TECHNICAL SPECIFICATIONS

Technical Specs
— Cabinetry Panel

ENVIRONMENTAL	FSC mix	
DENSITY	730 kg/m3 +/- 7% (MDF Core)	
THICKNESS TOLERANCE	±0.2 mm	
SQUARENESS TOLERANCE	+/- 2mm/m	
FLATNESS	Bow/Cup = ≤2.0 mm per meter	
	Twist = ≤1.0 mm per meter	
SWELLING IN THICKNESS	8% (18mm MR MDF)	
INTERNAL BOND	0.75 N/mm2	
BENDING STRENGTH	30 N/mm2	
MODUS OF ELASTICITY IN BENDING	2700 N/mm2	
MOISTURE CONTENT	6-10%	
LRV	Cove	39.19
	Vanta	4.85
	Asta	
	Ochre	
	Solis	36.05
	Ember	16.51
	Tusk	
	Nox	
THERMAL RESISTANCE	0.18m2K/W (18mm MR MDF)	
VOC EMISSIONS (FORMALDEHYDE)	Alor veneer panels achieve an E1 Formaldehyde emission rating	
REACTION TO FIRE (WALLS & CEILINGS)	Depends on selected core (refer to core chart)	
	FR core: Group 1s, all others: Group 3	
	Group 1s can be achieved with an intumescent coating applied by a third party	

2 . 4

INSTALLATION & HANDLING

Installation & Use
— Cabinetry Panel

INSTALLATION METHOD	Cut to size, edge banded, stained and finished by cabinetmaker
SUITABLE APPLICATIONS	Kitchen, wardrobe, and other cabinetry (refer to Scope & Limitations of Use)
EDGE TYPE	Square Edge (Edgebanding must be applied by cabinetmaker/professional prior to installation)

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

veneer & substrate





Carefully selecting the veneer grade, cut and panel configuration is essential to achieving your desired aesthetic, performance, and finish across cabinetry, joinery and interior surfaces.

3.1	Veneer Grade & Cut	20
3.2	Substrate	22
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3 . 1

veneer grade & cut

Selecting the cut and grade that suits your design and application can be determined by the look you are wanting to achieve, for example, clean and consistent or variation with unique grain patterns.



QUARTER CUT



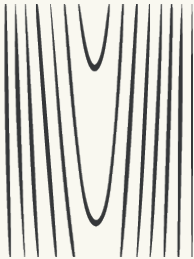
QUARTER & CROWN CUT

C-veneER CUT DETAILS

Selecting the right cut that suits your design and application can be determined by the look you are wanting to achieve.

CROWN CUT

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)



QUARTER CUT

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)



LAYON (SPLICING)
DETAILS

PLANKED (MISMATCH)

A random mix is the most natural looking aesthetic and is the preferred choice among designers for NZ.

It's a bit more difficult to achieve than book-matching or slip-matching, as you need a great eye to create the truly random mismatched panel, however it creates a beautiful look that works well with all the other timber surfaces (especially timber flooring - which is always random mismatch).

This method cannot be imitated by melamine or HPI. The method brings the leaves together randomly, creating variation and unique grain characteristics.



GRADE DETAILS

The grade of timber you choose plays a key role in defining your design outcome, influencing the overall character, consistency and visual appeal of your finished surface.

PRIME GRADE FACE
(F2S)

A Prime Grade Face has a clean appearance with minimal colour variations. Knots are limited in visibility and are only in the wood colour.



CABINETRY GRADE BACK
(1F1B)

Cabinetry Grade Back has more colour variation allowed and may contain a small number of healthy and pin knots.



BALANCING GRADE BACK
(1FAB)

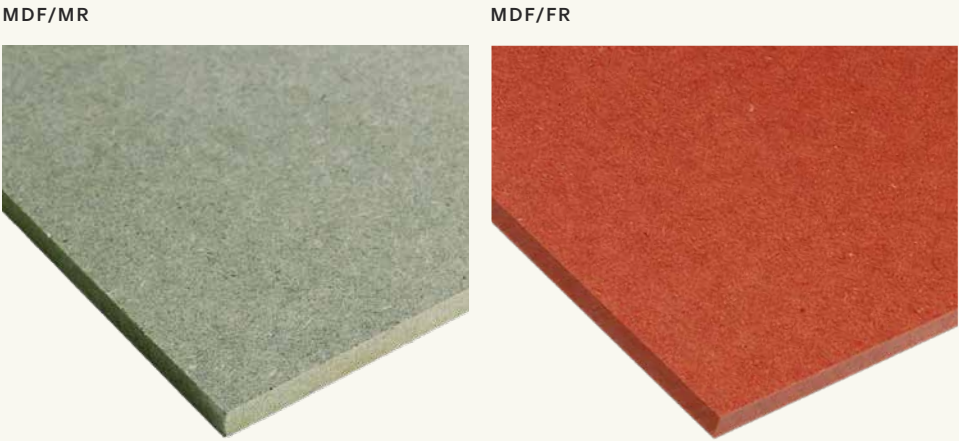
Any grade from any species, for balancing purposes only.



3 . 2

SUBSTRATE

Alor’s MDF cores are moisture and fire-resistant, offering versatile solutions for cabinetry and commercial projects, with low emissions and adaptable veneer or balancing material options.



Alor’s MDF/MR core is moisture resistant and specifically designed for cabinetry applications.

The MDF core requires veneers on either side of the panel, which can be prime grade or cabinetry of balancing back material, depending on the application.

The fire-resistant MDF panel has a low E1 formaldehyde emission rating and is suitable for commercial applications and where group 1-S fire ratings are required.

CORE OPTION

(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)

3.3

DIMENSIONS

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



3 . 4

FACE AND BACK FINISHES

When specifying veneer panels for cabinetry, consideration needs to be taken when selecting the panel configuration options.

For cabinetry where the back of the panel isn't often seen, the back will often be cabinetry grade and will have more colour variation and minor imperfections.

For wall panels where the back won't be seen, balance back is a lower cost option and ideal for this application.

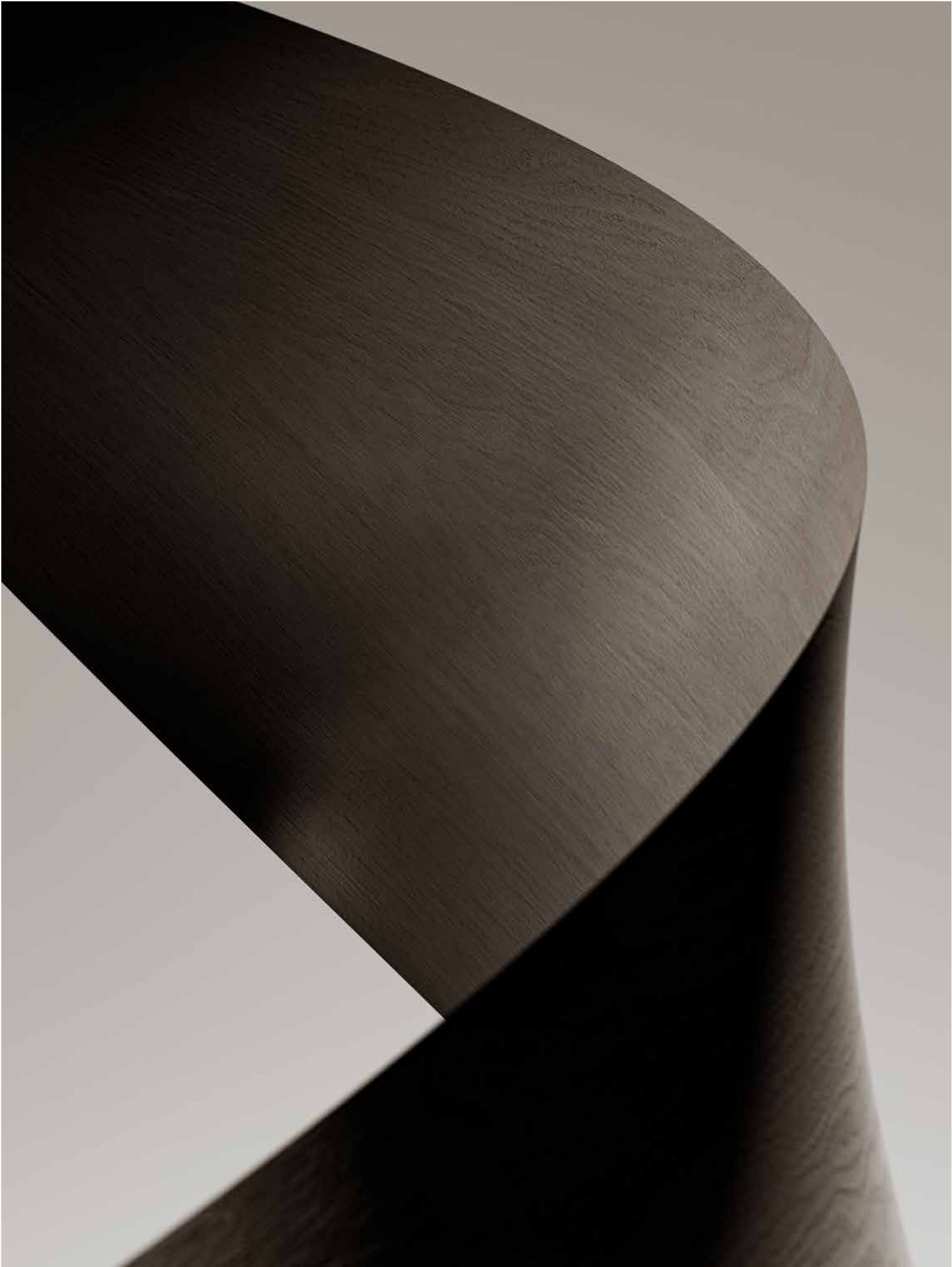
FACE AND BACK VENEER OPTIONS



VENEER 01	
Prime Grade Face QC/ CC Mix	
THICKNESS	0.6mm
BRUSHING	Lightly Brushed
USE	Face
GRADE ^A	Clear grade face
LANYON (SPLICING) ^B	Planked (mismatch)
VENEER CUT ^C	Quarter & Crown Cut mix



VENEER 02	
Prime Grade Face QC Only	
THICKNESS	0.6mm
BRUSHING	Lightly Brushed
USE	Face
GRADE ^A	Clear grade face
LANYON (SPLICING) ^B	Planked (mismatch)
VENEER CUT ^C	Quarter Cut only



EDGE FINISHING DETAILS





Duo edge banding combines the natural beauty of timber veneer with the durability of ABS backing, delivering a moisture-resistant and resilient solution. Achieving a refined edge finish is essential for enhancing both the appearance and longevity of your surfaces, especially in high-use areas.

4.1	Prefinished Edgebanding	28
4.2	Natural Edgebanding	28
4.3	Accessories	29

4 . 1

PREFINISHED EDGEBANDING

Duo edge banding combines the beauty of a natural timber veneer with the strength of ABS backing, to provide a resilient, moisture-resistant edge banding Solution that is suitable for wet and high-use areas.

The edge banding consists of a 0.5mm ABS base layer and colour-matched 0.5mm prefinished timber surface layer, to provide superior performance and durability.



DUO EDGEBANDING 24MM



DUO EDGEBANDING 48MM

4 . 2

NATURAL EDGEBANDING

When selecting natural edge banding, edges will need to be sealed using a finishing lacquer pen to provide a waterproof seal.

Deciding on which edge banding solution is best suited for your project will depend on the application and use of the cabinetry.



NATURAL EDGEABANDING 1MM (24/48MM)



NATURAL EDGEBANDING 2MM (24/48MM)

4 . 3

ACCESSORIES



ALOR COLOUR-MATCHED FINISHING
LACQUER PENS 11ML



WALL PANELLING





Alor veneer panels bring warmth and texture to interior walls, creating a refined finish. We recommend using the Fast Mount panel mounting system, as outlined in this section.

5 . 1

FASTMOUNT

When installing Alor as wall panelling, we recommend using the Fast Mount panel mounting system.

With a number of mounting system options available, determining which one is suitable depends on the weight of the panels and the desired clearance between the panel and the wall.

The Fast Mount system offers a range of fixings to suit different weight loadings and mounting positions.

For information on how to specify, please refer to the relevant Fastmount Technical Guide

<https://fastmount.com/resources/technical-guides/>



PC-DC1 self-tapped into 24mm hole in drywall

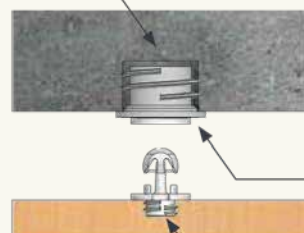
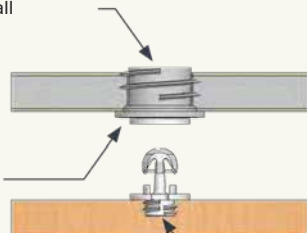
PC-DC1 installed into 26mm hole in concrete wall

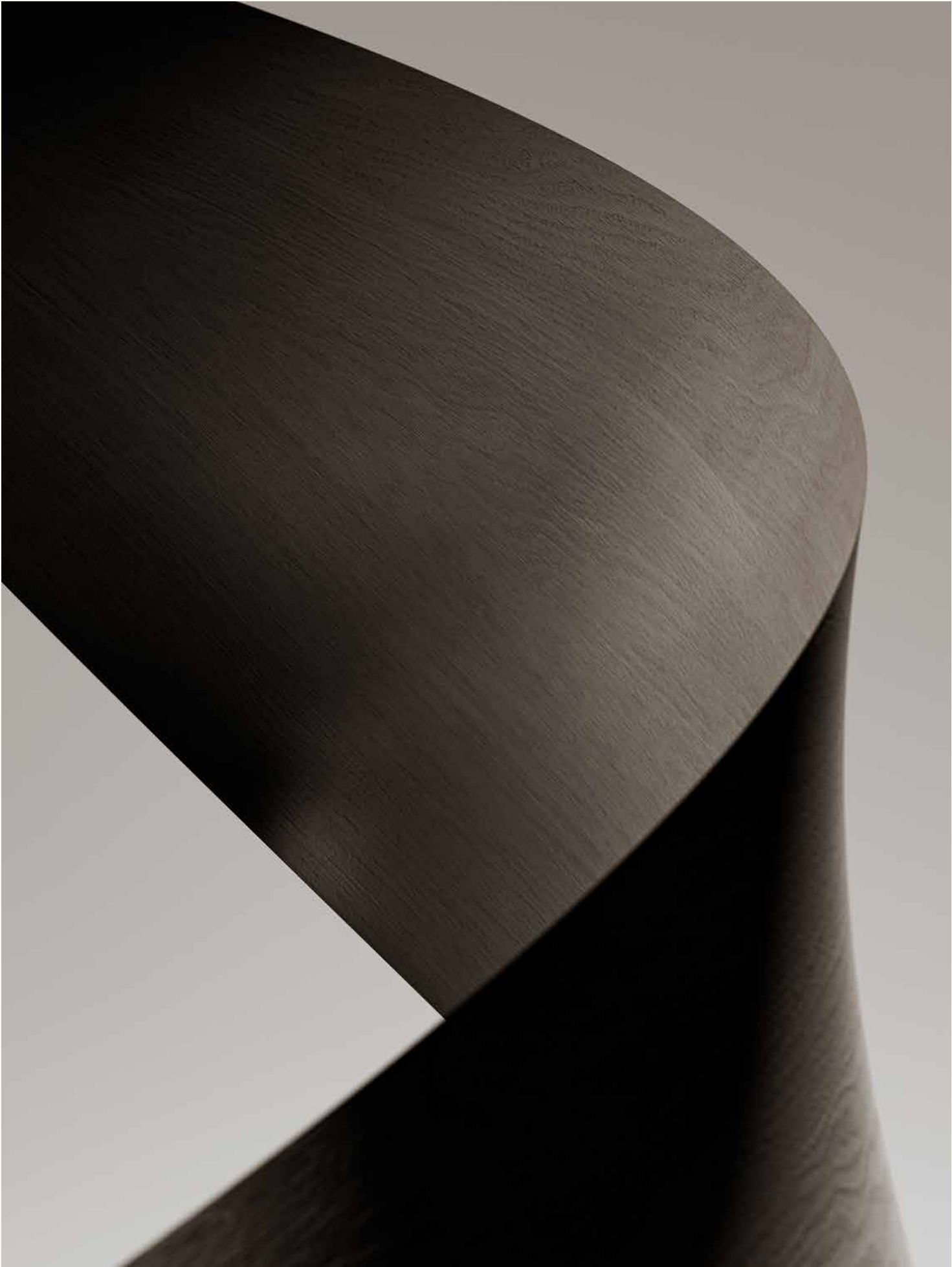
PC-F1A installed into PC-DC1 showing transverse adjustment

PC-F1A installed into PC-DC1 showing transverse adjustment

PC-M1B self-tapped into decorative panel

PC-M1B self-tapped into decorative panel





DESIGN CONSIDERATIONS





Alor veneer panels offer refined timber textures and tonal consistency, bringing warmth and elegance to cabinetry and joinery applications. This section outlines key considerations for achieving a seamless, durable and beautifully crafted finish across a variety of interior spaces.

6.1	Wet Areas	36
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6.4	Flooring Pairings	40

6 . 1

WET AREAS

Alor's durable UV lacquer coating makes it suitable for use as cabinetry in wet areas such as kitchens and laundries as well as some bathroom applications.

Alor is not recommended for use in unventilated spaces where humidity is expected to reach 70% RH or above – sauna's, indoor pools, laundry's etc.

Where consistent contact with moisture will occur, such as kitchen and bathroom bench tops, alternative materials are recommended to ensure long term durability.

Alor is not suitable as a kitchen splashback or rangehood.



6 . 2

HEAT SOURCES

Alor panels can be used near heat sources when carefully designed to manage heat exposure, ensuring surface temperatures remain within the recommended limits for safe performance.

When designing living spaces where heat sources such as fireplaces or heaters are incorporated into or around cabinetry, consideration needs to be taken regarding the heat output and the surface temperatures created.

Alor is suitable in areas near heat sources, providing that surface temperatures will not exceed 90°C.



6.3

CEILING & WALL PAIRINGS

The Muuro Panelling Collection features 10mm thick, 125mm wide and 2700mm long planks.



IVORY



BUFF



FAWN



DUSK



SABEL



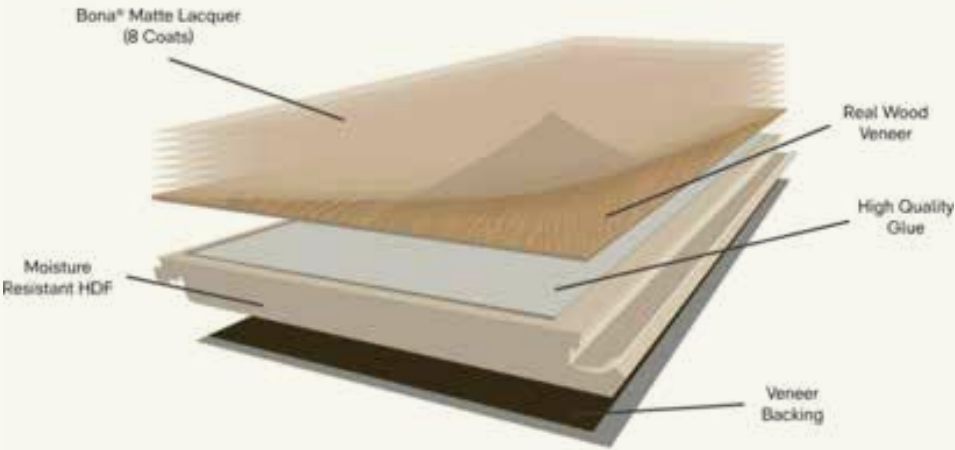
NOIR



Collections

Muuro

PRODUCT TYPE	Engineered Plank
AVAILABILITY	Stocked
DIMENSIONS	10/0.6mm T x 125mm W x 2700mm L
TOP LAYER	0.6mm Solid European Oak or Walnut Veneer
CORE	Moisture Resistant HDF
CONSTRUCTION	2-Layer Engineered
SURFACE TEXTURE	All (except Umber Walnut): Brushed Umber Walnut: Smooth
SURFACE SHEEN	Extra Matte (Gloss Level 4-8%)
BEVEL	Micro-bevel on long-edges
STATUS	Pre-finished (no additional coats required)
FINISH	Bona® Matte Lacquer (8 coats)
SPECIES	European Oak PEFC® (Buff, Fresco, Sienna, Noir) American Walnut PEFC® (Umber)
WOOD GRADE	Clear
FILLER COLOUR	Natural
CRAFTED IN	Spain



6 . 4

FLOORING PAIRINGS

Achieve a unified design vision with Forté's Alor collection—crafted to complement our flooring ranges and bring consistency, warmth, and harmony to interiors.

With the introduction of our prefinished veneer panels, we now offer a complete range of matching timber surfaces, ensuring every element of your project works together seamlessly. Pairing Alor with Forté's curated flooring collections allows you to effortlessly coordinate tones across different surfaces, creating a sense of flow and cohesion throughout your spaces.

View all our
product pairings





Forté