



Vulcan

New Growth™ Feature Timbers

ABODO

Distribution partner



Here to protect old growth, ancient forests

At Abodo[®], we're transforming timber design with sustainable, innovative, rapidly renewable alternatives that supersede old growth.

The New Standard in Timber Innovation.

From elegant internal feature timber walls to high performance exterior cladding, our range is built to last – and crafted to protect what matters most.

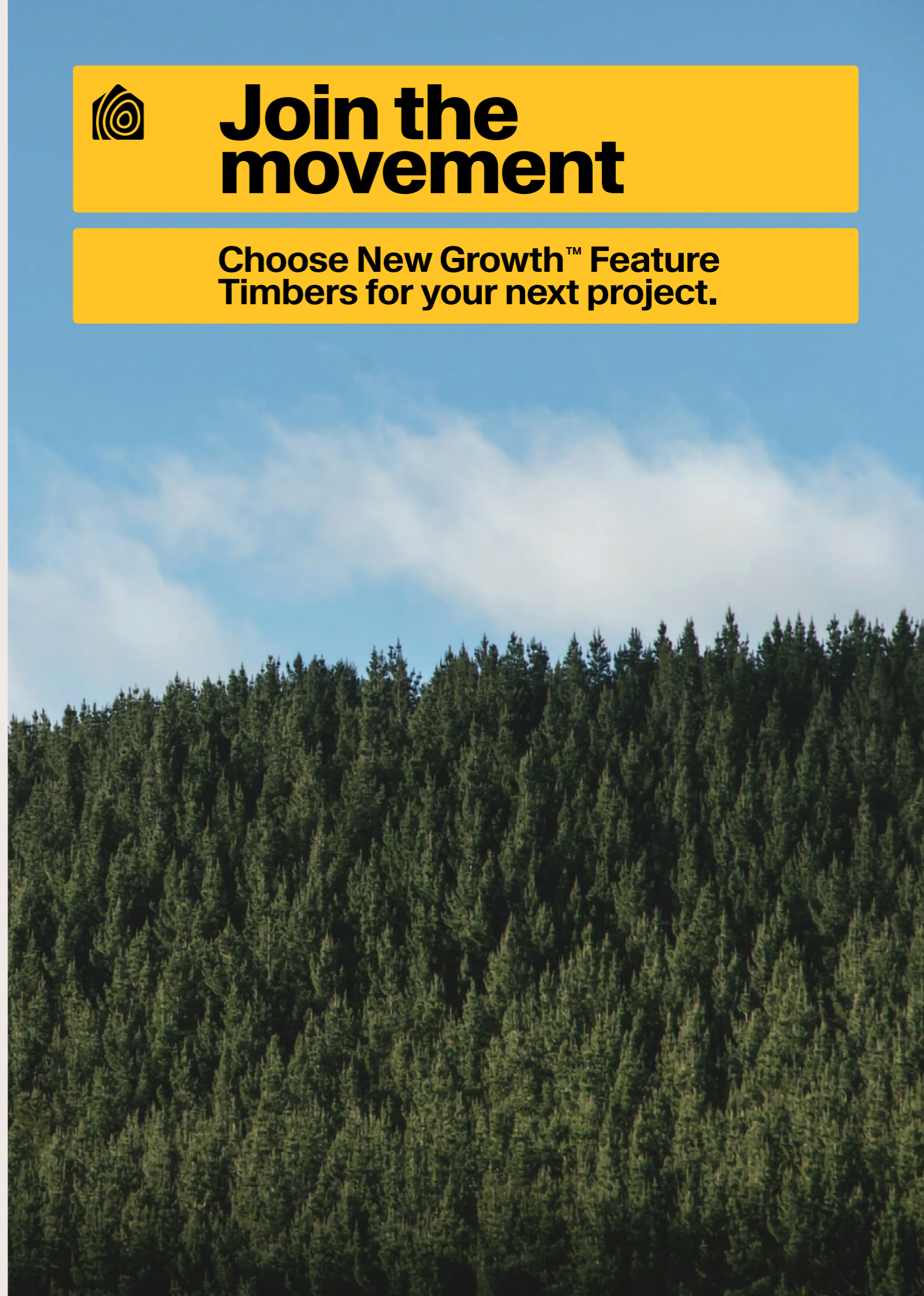
We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

- **Rapidly Renewable:** Sustainably grown, FSC[®] certified timber from biodiverse New Zealand Radiata plantations.
 - **Patented Performance:** Heat tempered and precision-crafted for exceptional performance, stability and longevity. Featuring Abodo's distinctive vertical grain.
 - **Natural Beauty:** Honouring the essence of timber – its grain, texture, and connection to the natural world.
-



Join the movement

Choose New Growth[™] Feature Timbers for your next project.



Vulcan® Cladding – Vertical Grain

○ Architectural Series



○ Standard Series



○ Overview

Abodo's Vulcan Cladding is more than a design choice – it's a statement. Crafted from FSC® certified plantation timber and heat tempered for durability, our cladding offers the timeless beauty of old growth with none of the environmental cost.

Create clean lines using various profiles, including vertical shiplap and bevel back. With a variety of coatings and finishes, Vulcan is perfect for bespoke architectural aesthetics and applications.

Verified to store more carbon than is used in its production, Vulcan Cladding is also Environmental Product Declaration (EPD) and Declare Red List Free certified.

○ Key Features

- Patented vertical grain technology for enhanced stability and visual appeal.
- Natural texture and warmth that connects every project to nature.
- Responsible sourcing that protects irreplaceable forests.

○ Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).

○ Lengths

Mixed length – Supplied as packets with 1.2m and longer and/or fixed lengths at Abodo's option. Select length is available in Architectural series only.

Vulcan Cladding is Available in Two Ranges

○ Architectural Series

Our premium cladding, ideal for architectural projects where a largely clear aesthetic is desired. This series includes a wider range of profiles, colours and finishes (including bandsawn and brushed).

○ Standard Series

Includes some knots and natural features, and is available in a select range of colours and profiles, at a more accessible price. Available in bandsawn finish only.

Colour Range



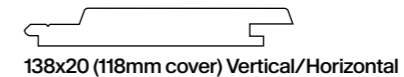
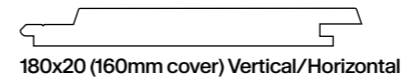
Colour may change/fade as a part of the natural weathering process. Coating performance on brushed finish may be lower compared with bandsawn finish.

○ Key

● Not available in Standard Series.

Architectural Series Profiles

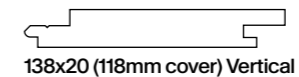
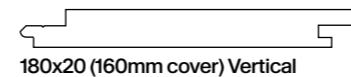
○ WB10



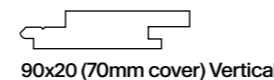
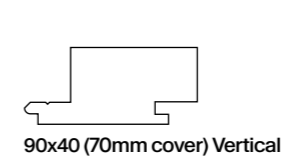
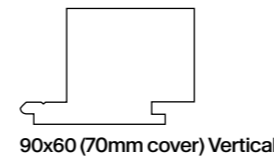
○ Bevelback AW62



○ WB12



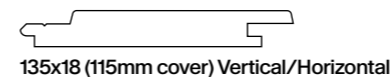
○ Fineline WB12F



Profiles supplied as standard with bandsawn face. Brushed face optionally available subject to a price premium.

Standard Series Profiles

○ WB18



All profiles supplied with bandsawn faces.

Vulcan® Nexus Cladding



- Overview

Also created from Abodo's heat tempered New Zealand Radiata for superior beauty, durability and weathering characteristics, Vulcan Nexus Cladding is manufactured using finger jointed timber to create cladding in long lengths with a unique visual aesthetic.


Available in six metre lengths with a singular universal profile and secret fixings, Vulcan Nexus weatherboards allow for extended vertical or horizontal orientations with no visible joints.

Vulcan Nexus Cladding is a boon for sustainability minded builders, architects and homeowners, who will appreciate the minimisation of waste that results from the protracted length of the boards. Suitable for coating in darker colours.
- Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).
- Lengths
 - 6.1m*

*Up to 10% of an order may include mixed lengths 1.2m and longer at Abodo's option.

Standard Profiles

- WB10 
180x20 (160mm cover) Vertical/Horizontal
- Note: Available in bandsawn finish only.

Vulcan® Screening



- Overview

Engineered from heat tempered plantation timber with a unique vertical grain, Abodo Vulcan Screening is a high performance natural exterior timber.

Used to beautiful effect on the iconic Cardrona Cabin, Vulcan Screening is designed to weather gracefully, even in harsh environments.

Derived from FSC® certified local plantation forests, this is an excellent renewable alternative to cedar for use in rainscreen, batten, pergola and facade fin applications.
- Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).
- Lengths
 - Mixed length – Supplied as packets with 1.8m and longer, or fixed lengths at Abodo's option.
 - Fixed length – 3.6, 4.2, 4.8, 5.4m*

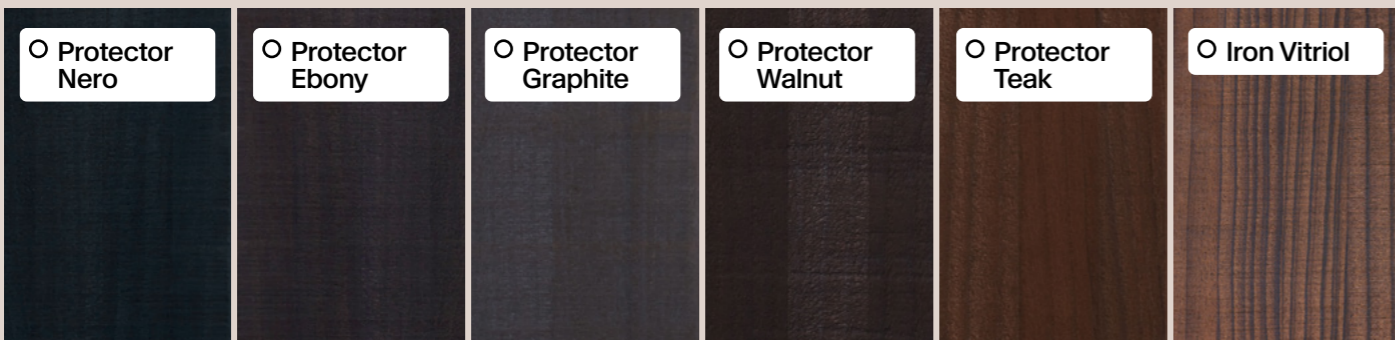
Product supplied as standard in mixed length. *Specified fixed length orders may be available but are subject to conditions including 150LM minimum quantity per length/profile, price premium and availability. Please check with Abodo prior to placement of order.

Sizes (Finished Dimensions)

Standard Sizes			
42x18	42x25	180x32	42x42
65x18	65x25	290x32	65x42
88x18	88x25		88x42
138x18	238x25		138x42
			180x42

Can be supplied as bandsawn or brushed finish. Note: Other sizes are subject to minimum order volumes and lead time. Custom laminated sizes >180mm width are subject to prior approval by Abodo, minimum order volumes and lead time.

Colour Range



- Colours presented are in Abodo's Protector coating and are indicative only. Colour may change/fade as a part of the natural weathering process.
- On Vulcan Nexus Cladding darker tones will hide the finger joint better than lighter tones that will tend to show up more after weathering.



- Key
- Not available in Vulcan Nexus Cladding.

Vulcan® Panelling



○ Overview

Abodo's Vulcan Panelling brings the warmth of wood to interior applications, such as ceilings, walls and feature eaves or soffits.

Created from heat tempered plantation timber, Vulcan Panelling is a lightweight, stable sarking timber with excellent thermal characteristics. It can be used to create a feature ceiling, eave or wall with the rich warmth and distinctive vertical grain of Vulcan.

The heat tempering process means this product is naturally durable and does not require any chemical preservatives, making it a healthy addition to a home's interior.

Available in brushed and smooth dressed finishes, Vulcan Panelling suits a wide variety of architectural design styles.

○ Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).

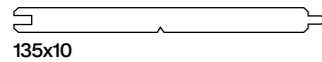
○ Lengths

Mixed length – Supplied as packets with 1.2m and longer, or fixed lengths at Abodo's option.

Product supplied as standard in mixed length. Specified fixed length orders may be available but are subject to conditions including 150LM minimum quantity per length/profile, price premium and availability. Please check with Abodo prior to placement of order.

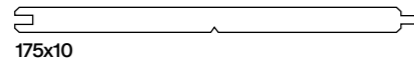
Standard Profiles

○ TG9

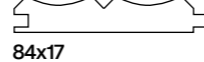


135x10

○ TG17



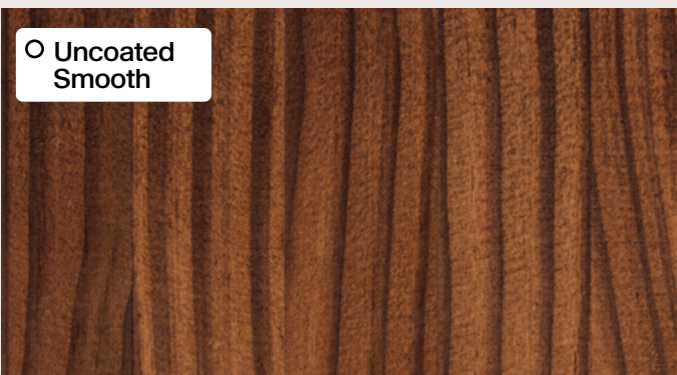
175x10



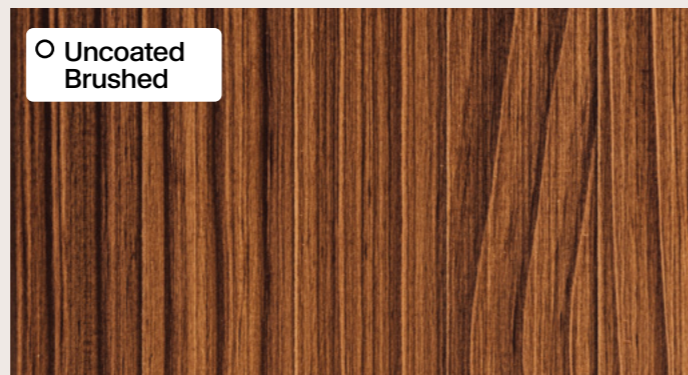
84x17

Profiles supplied as standard with smooth face. Brushed face optionally available subject to a price premium. Smooth face requires sanding prior to coating. Please contact Abodo for recommended coating options.

Colour Range



○ Uncoated Smooth



○ Uncoated Brushed

Supplied as standard uncoated.

Vulcan® Shingles



○ Overview

Delivering all the charm of yesteryear and updated for modern applications, Abodo Vulcan Shingles are a durable, high-end architectural finish for roofs, walls and gable ends.

Durability is furthered by a low-VOC, water-based OPX preservative treatment that guards against mould and insects. The beautiful toasty brown colour will silver off with exposure to weather if left uncoated.

Wherever possible, Vulcan Shingles are created using offcuts or short lengths from the manufacture of other Vulcan timber products, therefore minimising wastage and making the best use of our natural resources.

○ Wood Species

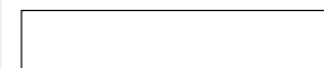
Thermally Modified Radiata Pine (Pinus Radiata).

○ Profiles

- Width – 85mm, 114mm, 142mm, 171mm*.
- Thickness: 12mm/6mm tapered with Band Sawn face.
- Length – 450mm.

*Non-stock size - made to order with MOQ and lead time.

Standard Profiles



450x85mm



450x114mm



450x142mm



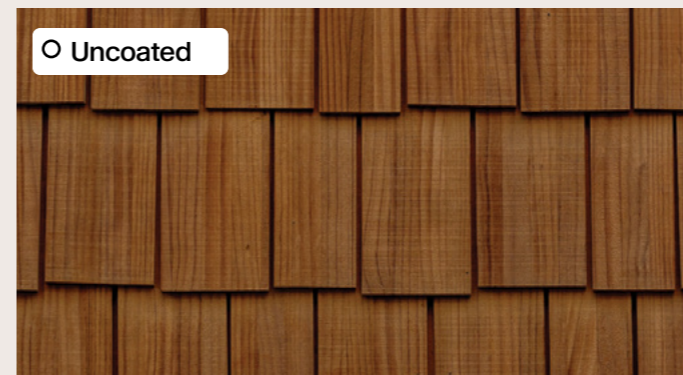
450x171mm*



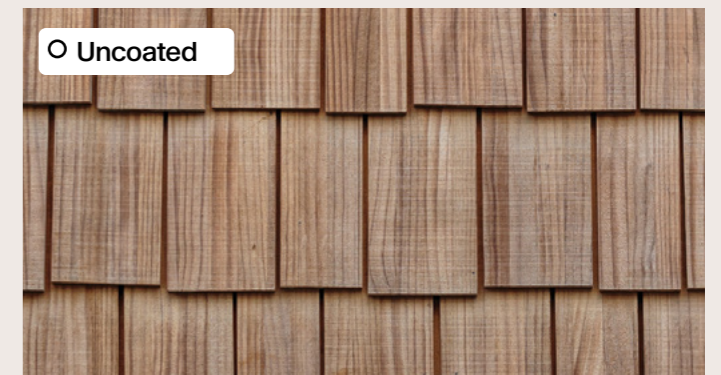
12mm/6mm tapered

*Non-stock size- made to order with MOQ and lead time.

Colour Range



○ Uncoated



○ Uncoated

Shown here at installation, after several weeks' of weathering.

Vulcan® Decking



- **Overview** Create a lasting, naturally beautiful exterior space with Vulcan Decking, crafted from rapidly renewable New Zealand Radiata. With a reeded face that provides enhanced weathering characteristics and grip under foot, this product is built to last.
For ultimate durability, the timber undergoes Abodo's heat tempering process and is pressure treated with a low VOC organic preservative (OPX) that includes a water repellent.
Unlike most hardwoods, Vulcan Decking does not require pre-drilling. It's easy to work with, cut and fix, making it a favoured material among professional and DIY builders alike.
- **Wood Species** Thermally Modified Radiata Pine (Pinus Radiata).
- **Sizes** Width x thickness (mm), 142x27mm.
- **Coating** Product is supplied uncoated as standard.
Available factory finished with Protector –Clear subject to minimum order volume.
- **Lengths**
 - Mixed length – Supplied as packets with 1.8m and longer, or fixed lengths at Abodo's option.
 - Fixed length – 3.0, 3.6, 4.2, 4.8, 5.4m (subject to availability).

Standard Profiles

Graded to the reeded face.

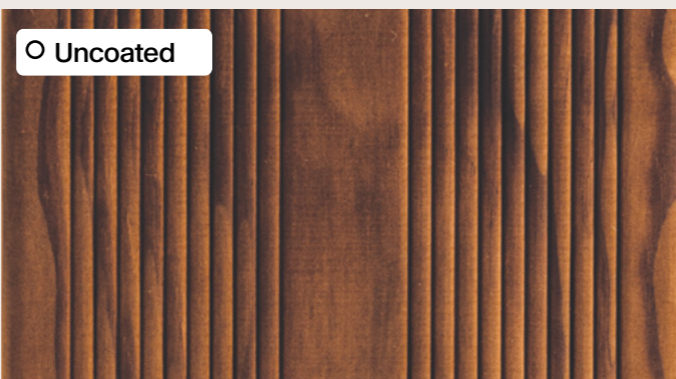
- DK16V



142x27

Installation with reeded face up only.

Colour Range



- Uncoated

Vulcan® Smooth Decking



- **Overview** Also crafted from heat tempered, rapidly renewable New Zealand Radiata, and available in a smooth dressed surface, Abodo Vulcan Smooth Decking will create a natural, inviting exterior space for your home.
To further the stability of the wood, it is graded with semi-vertical grain orientation and is treated with a low VOC organic preservative system (OPX) that includes a water repellent, resulting in superior durability.
Due to Abodo's unique heat tempering process, Vulcan Smooth Decking has a reduced equilibrium moisture content which increases its stability.
- **Wood Species** Thermally Modified Radiata Pine (Pinus Radiata).
- **Sizes** Width x thickness (mm), 140x27mm.
- **Coating** Chocolate brown (timber will weather to grey unless a pigmented coating is applied and maintained).
Clear coating penetrating finishes are recommended, allowing the timber to silver off naturally. Dark pigmented finishes may be subject to wear marks and higher maintenance.
- **Lengths**
 - Mixed length – Supplied as packets with 1.8m and longer, or fixed lengths at Abodo's option.
 - Fixed length – 3.0, 3.6, 4.2, 4.8, 5.4m (subject to availability).

Standard Profiles

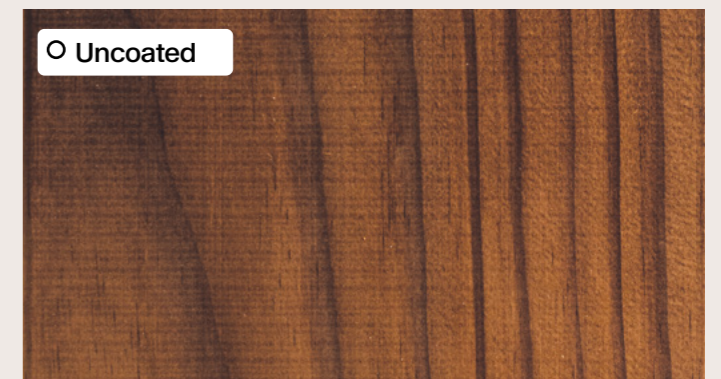
Graded to one face.

- DK4R



140x27

Colour Range



- Uncoated

Vulcan® Joinery – Vertical Grain



- Overview

Timber joinery has made a comeback in modern homes, due to its wellness and sustainability benefits as well as its naturally warm look and feel.

With patented vertical grain technology, this laminated, heat tempered joinery timber delivers superb thermal conductivity and dimensional stability throughout the years.

Vulcan Joinery has enhanced stability, reduced resin content, is a beautiful uniform brown colour, and is naturally durable so does not require any chemical preservatives.

An excellent choice for windows, doors and interior joinery in both paint and stain finish (internal only).
- Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).
- Substrate Colour

Chocolate brown. (Timber will weather to grey unless a pigmented coating is applied and maintained).
- Coating

Vulcan will take most stains, penetrating oils and paints well, though up-take of coating is generally higher than normal.
- Lengths

Length availability varies and is subject to availability. Our main volume length is 4.2m. Other lengths 3.6, 4.8m may be possible on special order subject to availability.

*Specified fixed lengths may be available but are subject to conditions including minimum quantity of 1 packet per length, price premium and availability. Please check with Abodo prior to placement of order.

Sizes (Finished Dimensions)

Standard stock laminated block sizes.
Available in pack lots only.

Approx only (mm)

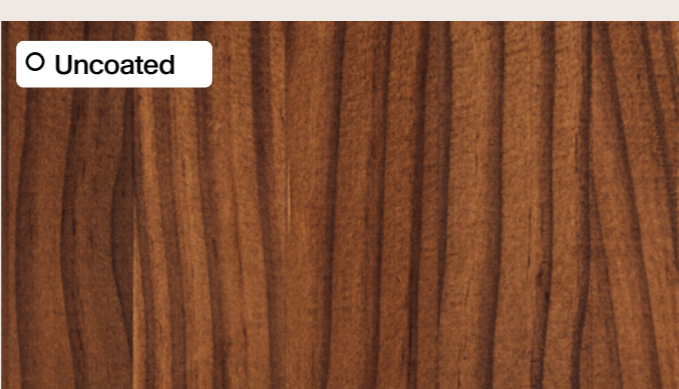
- 146x142
- 146x147
- 146x183
- 146x199

Dimensions and construction may vary.

Some stepping up to 4mm depth and glue run-off may be present in the glue line edges of laminated blocks.

Custom laminated sizes >199mm height are subject to prior approval by Abodo, minimum order volume and lead time.

Colour Range



○ Uncoated

Natural Innovation

For over 20 years we've led the charge in New Growth feature timbers.

Our craft is in our innovation and dedication to always doing better – including the forests we source from, the heat tempering process we have perfected, and our patented vertical grain technology.

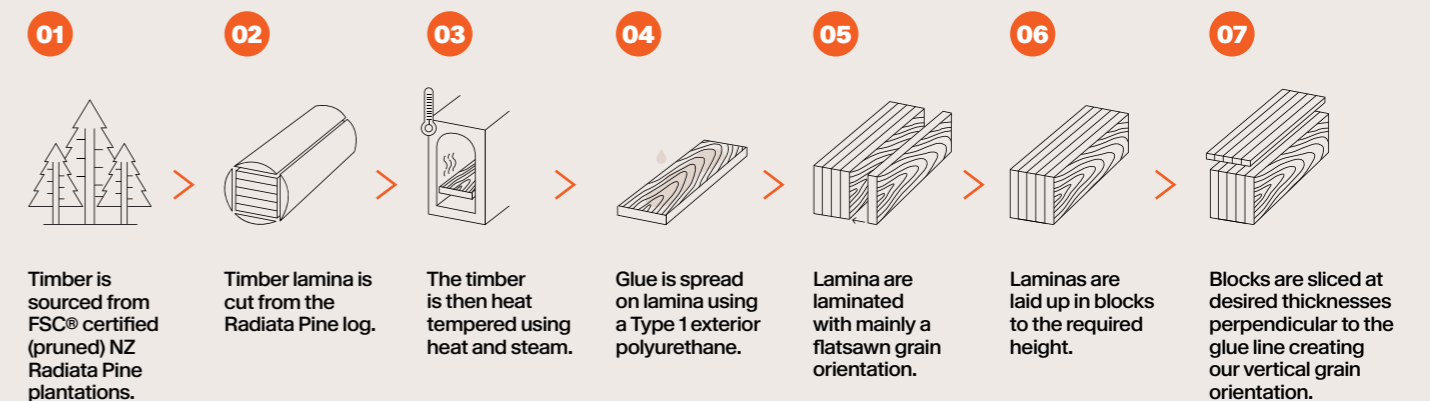
We apply this craft at each step of the process, including our considered choices on log

selection and cuts, looking for creative ways to make use of by-products and minimise waste.

For over a decade, we have been testing, studying, improving and QC-ing our thermal modification process.

We've done this specifically for New Zealand Radiata Pine, to create a product that is not only beautiful – but surpasses (thermally modification) newcomers with our trusted, incredibly high-performance timbers.

Abodo's Patented Vertical Grain Process



We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

Cladding – Indicative Quantities

Profile	Width	Depth	Orientation	Cover (mm)	Cavity Batten Centres (mm)	Fixings Pieces/lm	Fixings Pieces/m ²	Lineal Metres/m ²	Protector Second Coat Litres/lm*	Protector Second Coat Litres/m ² *
Vulcan Cladding – Select Grade – Stain Finish										
Vulcan WB10	138 x 20		Horizontal	118	600	1.67	14.15	8.47	0.0125	0.100
Vulcan WB10	180 x 20		Horizontal	160	600	1.67	10.42	6.25	0.0160	0.100
Vulcan AW62	180 x 20		Horizontal	148	600	1.67	11.26	6.76	0.0148	0.100
Vulcan WB10	138 x 20		Vertical	118	480	2.08	17.62	8.47	0.0125	0.100
Vulcan WB10	180 x 20		Vertical	160	480	2.08	13.02	6.25	0.0160	0.100
Vulcan WB12	138 x 20		Vertical	118	480	2.08	17.66	8.47	0.0118	0.100
Vulcan WB12/WB12F	180 x 20		Vertical	160	480	2.08	13.02	6.25	0.0160	0.100
Vulcan WB12	90 x 20		Vertical	70	480	2.08	29.76	14.29	0.0070	0.100
Vulcan WB12	90 x 40		Vertical	70	480	2.08	29.76	14.29	0.0070	0.100
Vulcan WB12	90 x 60		Vertical	70	480	2.08	29.76	14.29	0.0070	0.100

Clarifications:

- Quantities given do not allow for wastage or additional fasteners needed for detailing/mouldings.
- Final order quantities are the buyer's responsibility and should be checked and verified prior to order placement.
- Abodo will not accept liability for over or under-ordered items.
- In general allow approx 10-15% additional to above for wastage.

* Coating quantities are approximate only and may vary depending on application method and rate.

Cladding – Comparison Guide

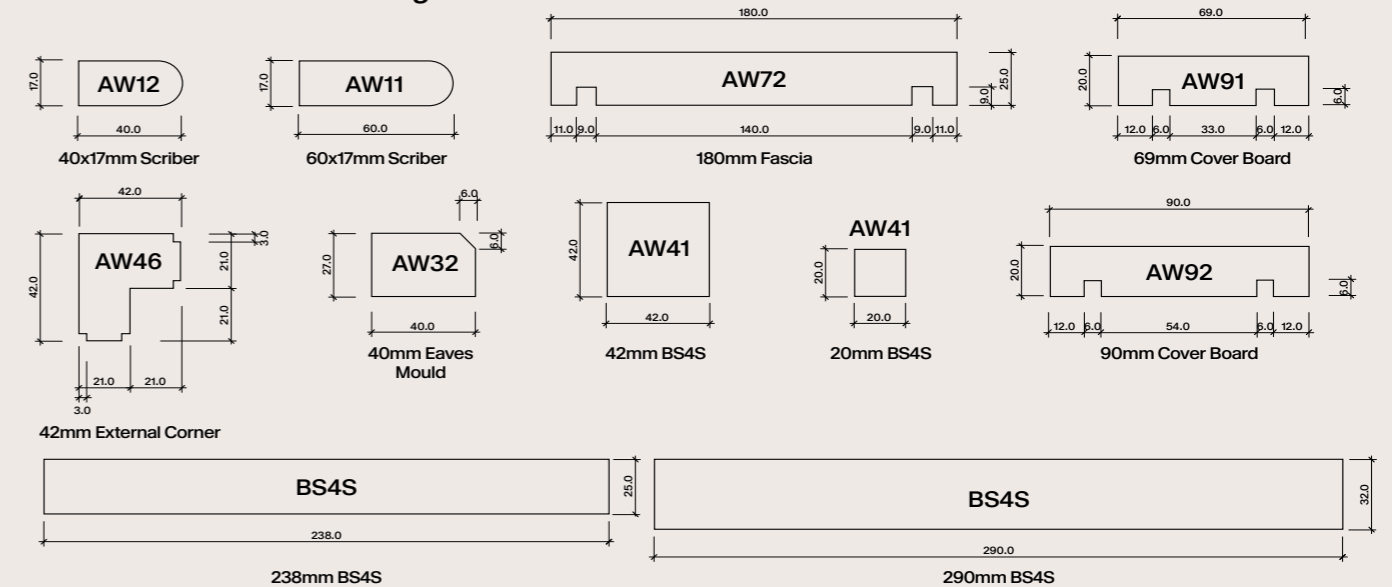
	Vulcan Cladding – Architectural Series	Vulcan Cladding – Standard Series	Vulcan Nexus Cladding
Grade + Aesthetic	A clear grade that allows limited natural features, ideal for architectural projects where a largely clear aesthetic is desired.	A light feature grade, with some knots, resin pockets and other natural features present along with some clear lengths, bringing a light natural character.	Manufactured using a fine finger jointed timber to enable continuous lengths for a refined linear aesthetic.
Lengths Available	Can be supplied as mixed or select lengths.	Supplied as mixed length only.	Can be supplied 90% at 6.1m lengths.
Colour Range	<ul style="list-style-type: none"> Full range of Abodo's Protector coating colours (x9) Sioox Coating Iron Vitriol 	<ul style="list-style-type: none"> Full range of Abodo's Protector coating colours (x9) 	<ul style="list-style-type: none"> Full range of Abodo's Protector coating colours (x9) Iron Vitriol
Finish	<ul style="list-style-type: none"> Bandsawn Brushed 	<ul style="list-style-type: none"> Bandsawn 	<ul style="list-style-type: none"> Bandsawn
Profile + Size	<ul style="list-style-type: none"> WB12 (180x20, 138x20, 90x60, 90x40, 90x20) WB12F (180x20) WB10 (180x20, 138x20) Bevelback AW62 (180x20) 	<ul style="list-style-type: none"> WB18 (135x18) 	<ul style="list-style-type: none"> WB10 180x20
Pricing Indication	\$\$\$	\$\$	\$\$

All three cladding options are crafted using Vulcan timber:

- Vulcan is heat tempered (for improved durability and stability) and engineered with vertical grain orientation (for further stability and weatherability).
- Abodo uses only rapidly renewable New Zealand Radiata from ethically managed FSC® plantation forests.
- Vulcan is Declare Certified Red List Free and verified to store more carbon than is used in its production.

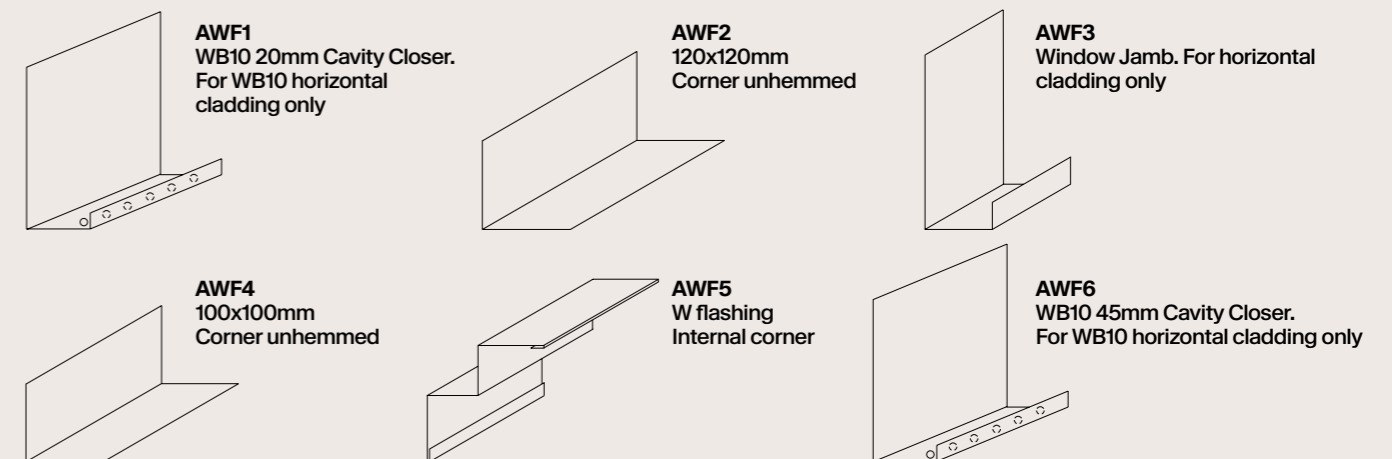
Accessories

Standard Exterior Mouldings



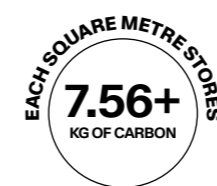
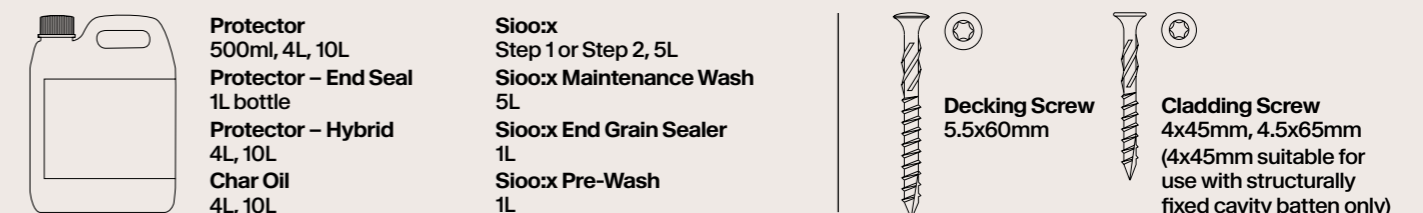
Mouldings generally supplied in 4.2m lengths unless advised otherwise.

Flashings



Supplied as 3m length stainless steel. Alternative flashings such as PVC may be used in conformance with E2 and Abodo details.

Fixings and Coatings



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