



Vulcan

New Growth™ Feature Timbers

ABODO



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, decking and screening, our range is built to last – and crafted to protect what matters most.

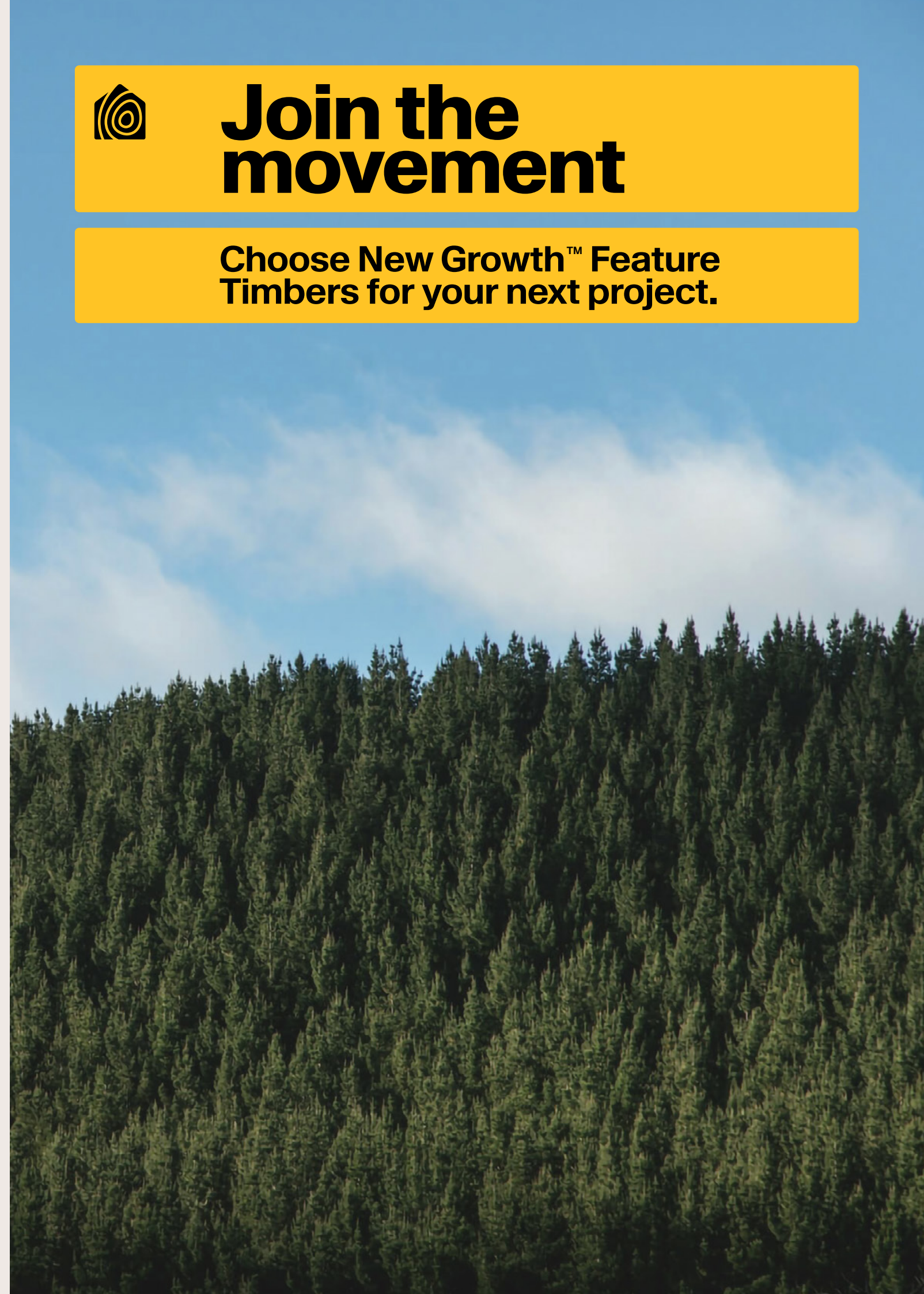
We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

- **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.
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Join the movement

Choose New Growth™ Feature
Timbers for your next project.



Vulcan® Cladding – Vertical Grain

○ Architectural Series

○ Standard Series



○ Overview	<p>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.</p> <p>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.</p> <p>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.</p>
○ Key Features	<ul style="list-style-type: none">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	Mix of standard lengths – Supplied in a fair mix of lengths from 1.2m to 4.8m. 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). Visually graded to C1LAMVG Grade in accordance with Abodo Appearance Grading Rules.
○ Standard Series	Our standard cladding includes some inter-grown knots and natural features, available in a select range of colours and profiles, at a more accessible price. Offered in bandsawn finish only. Visually graded to C2LAMVG Grade in accordance with Abodo Appearance Grading Rules.



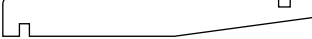

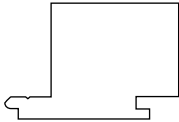




Colour Range



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

<div><div></div><div>WB18</div><div>New Profile</div></div> <div><div>18x180 (160mm cover) Vertical/Horizontal</div></div>	<div><div>18x135 (115mm cover) Vertical/Horizontal</div></div>	<div><div></div><div>Bevelback AW62</div></div> <div><div>20x180 (148mm cover) Horizontal</div></div>
<div><div></div><div>WB12</div></div> <div><div>20x180 (160mm cover) Vertical</div></div> <div><div>60x90 (70mm cover) Vertical</div></div> <div><div>20x90 (70mm cover) Vertical</div></div>	<div><div>20x138 (118mm cover) Vertical</div></div> <div><div>40x90 (70mm cover) Vertical</div></div>	<div><div></div><div>Fineline WB12F</div></div> <div><div>20x180 (160mm cover) Vertical</div></div>

Profiles supplied as standard with bandsawn face. Brushed face optionally available, please consult your local distributor.

Standard Series Profiles

○ WB18	 18x135 (115mm cover) Vertical/Horizontal
All profiles supplied with bandsawn face.	

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 micro finger jointed timber to create cladding in 6.1m long lengths with a unique visual aesthetic.

Available in 6.1m lengths with a singular universal profile and secret fixings, Vulcan Nexus weatherboards allow for extended vertical or horizontal orientations with no visible joins.

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.

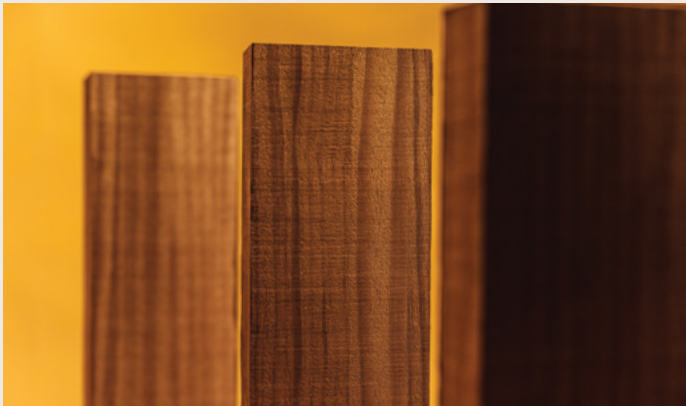
Standard Profiles

- WB18 New Profile

18x180 (160mm cover) Vertical/Horizontal

Note: Available in bandsawn finish only.

Vulcan® Screening



- Overview

Engineered from heat tempered rapidly renewable 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.

Sourced from FSC® certified local plantation forests, this is an excellent renewable alternative to old growth timbers, for use in rainscreen, batten, pergola and façade fin applications.
- Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).
- Lengths

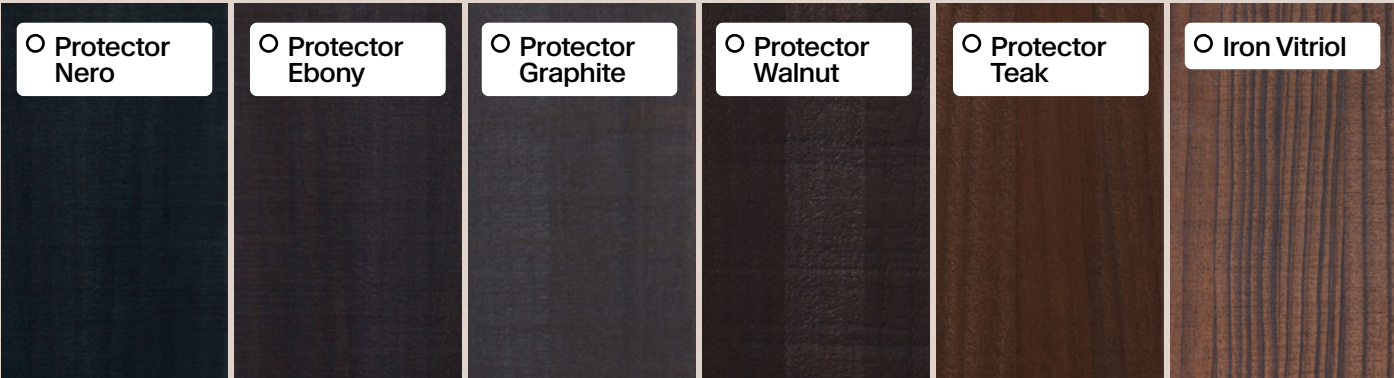
- Mix of standard lengths – Supplied in a fair mix of lengths from 1.8m to 5.4m.
 - Standard lengths – 1.8, 2.4, 3.0, 3.6, 4.2, 4.8, 5.4m.

Sizes (Finished Dimensions)

Standard Sizes			
18x42	25x42	32x42	42x42
18x65	25x65	32x65	42x65
18x88	25x88	32x88	42x88

Bespoke screening sections can be accommodated by your local distributor.

Colour Range (for Vulcan Nexus Cladding and Vulcan Screening)



- Colours shown here are depicted 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 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.

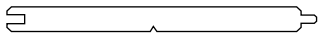
Available in brushed and smooth dressed finishes, Vulcan Panelling suits a wide variety of architectural design styles.
- Wood Species

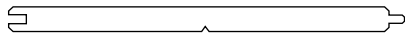
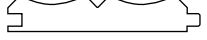
Thermally Modified Radiata Pine (Pinus Radiata).
- Lengths

Mix of standard lengths – Supplied in a fair mix of lengths from 1.2m to 4.8m.

Standard Profiles

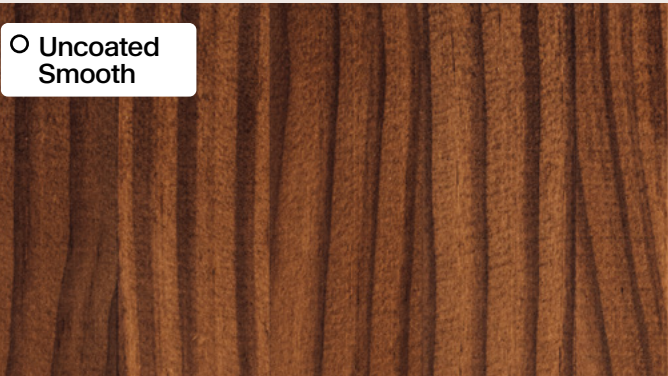
- TG9

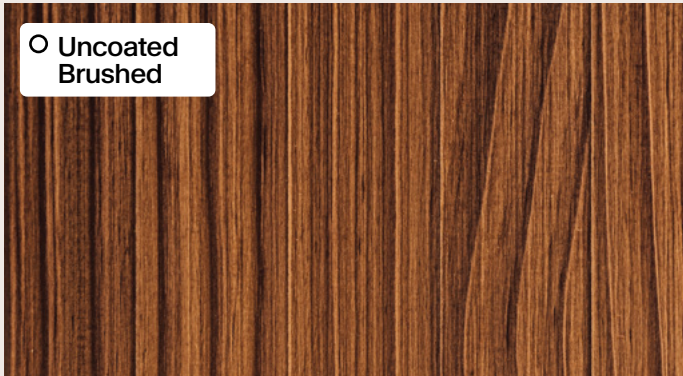

10x135
- TG17


10x175
- 
17x84
- Profiles supplied as standard with smooth face and factory sanded ready for coating. Brushed face optionally available subject to a price premium. Non factory sanding is available if requested. In general smooth face timber requires sanding prior to coating. Please contact your local distributor for recommended coating options.

Colour Range

- Uncoated Smooth


- Uncoated Brushed



Supplied as standard uncoated.

Vulcan® Joinery – Vertical Grain



- Overview

Timber joinery has made a comeback in modern homes, due to its wellness, thermal properties 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 naturally 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

Lengths availability is predominantly in 4.2 and 4.8m lengths.

Colour Range

- Uncoated


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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.

The timber undergoes Abodo’s heat tempering process to enhance stability and overall performance.

Unlike most hardwoods, Vulcan Decking does not require pre-drilling. It’s lightweight, easy to work with, cut and fix, making it a favoured material among professional installers and DIY builders alike.
- ☐ Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).
- ☐ Sizes

Thickness x width (mm), 27x142mm.
- ☐ Coating

Product is supplied uncoated as standard.

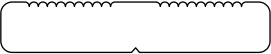
Available factory finished with Protector.
- ☐ Lengths

Mix of standard lengths – Supplied in a fair mix of lengths from 1.8m to 4.8m.

Standard Profile

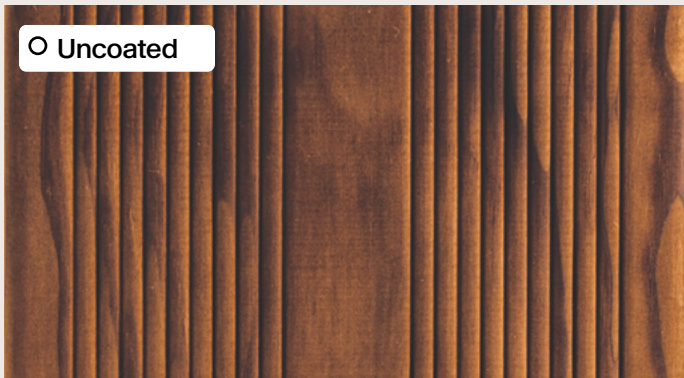
Graded to the reeded face.

- ☐ DK16V


27x142

Installation with reeded face upwards only.

Colour Range



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 enhance the woods stability, it is graded with semi-vertical grain orientation.

Abodo’s unique heat tempering process also reduces the equilibrium moisture content of Vulcan Smooth Decking, further improving dimensional stability.
- ☐ Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).
- ☐ Sizes

Thickness x width (mm), 27x140mm.
- ☐ Coating

Chocolate brown (timber will weather to a natural grey patina 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

Mix of standard lengths – Supplied in a fair mix of lengths from 1.8m to 4.8m.

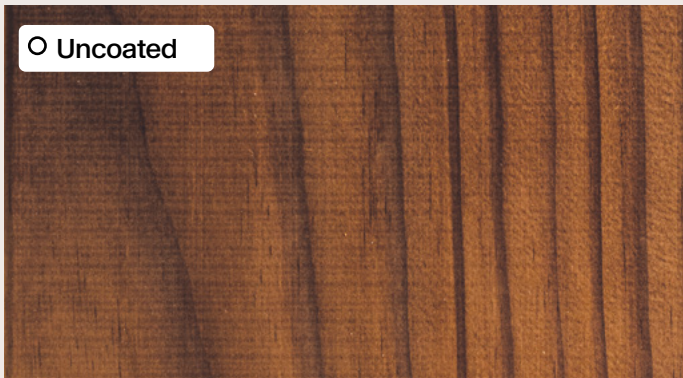
Standard Profile

Graded to one face.

- ☐ DK4R


27x140

Colour Range



Natural Innovation

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

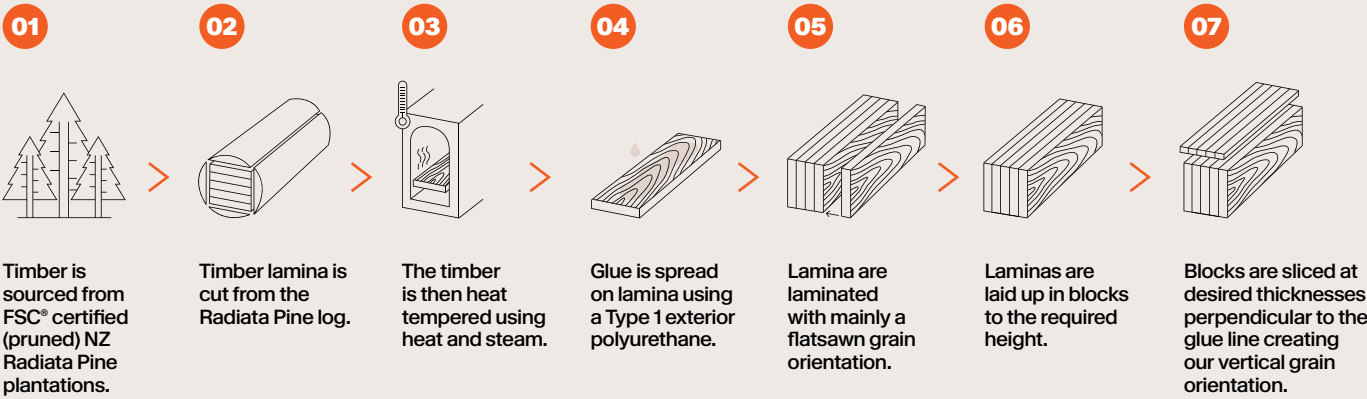
Our craft is in our innovation and dedication to always doing better – including the forests we source from, the heat tempering process we have perfected, and our patented vertical grain technology.

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 (thermal 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 – 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.	Is supplied 90% at 6.1m lengths.
Colour Range	<ul style="list-style-type: none">– Full range of Abodo's Protector coating colours (x9)– Sioc:x 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 (20x180, 20x138, 60x90, 40x90, 20x90)– WB12F (20x180)– WB18 (18x180, 18x135)– Bevelback AW62 (20x180)	<ul style="list-style-type: none">– WB18 (18x135)	<ul style="list-style-type: none">– WB18 (18x180)
Pricing Indication	\$\$\$	\$\$	\$\$

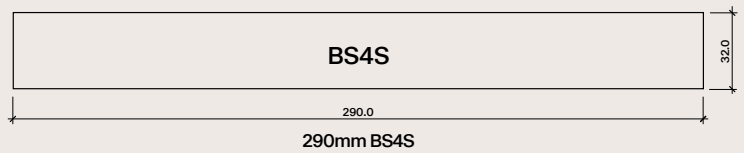
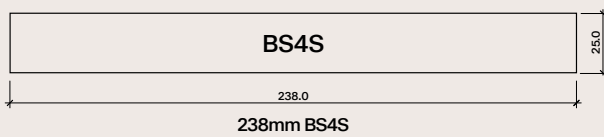
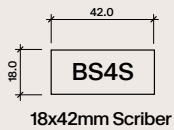
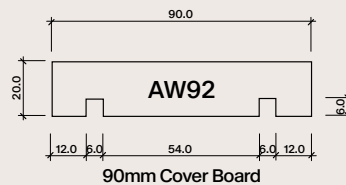
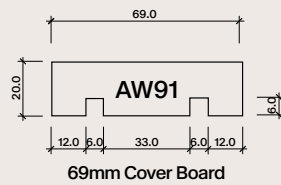
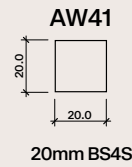
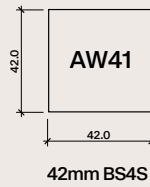
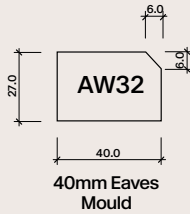
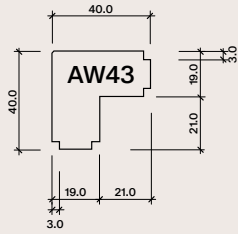
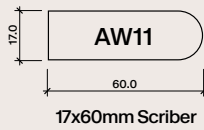
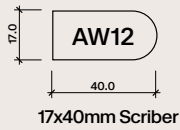
All three cladding options are crafted using Vulcan timber:

- ✓ 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® certified plantation forests.
- ✓ Vulcan is Declare Certified Red List Free and verified to store more carbon than is used in its production.

The information in this document is indicative only may be subject to change at any time. For current technical specifications check abodowood.com
Version: Aug 25.

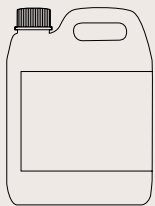
Accessories

○ Standard Exterior Mouldings



Mouldings generally supplied in 4.2m lengths.

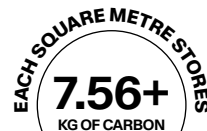
○ Protector Coatings



Protector
500ml, 4L, 10L
Protector – End Seal: 1L
Protector – Hybrid: 4L, 10L



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Vulcan Cladding

