



Vulcan

# New Growth™ Feature Timbers

ABODO



# Here to protect old growth, ancient forests

At Abodo<sup>®</sup>, we're transforming timber design with sustainable, innovative, rapidly renewable alternatives that supersede old growth.

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## 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.

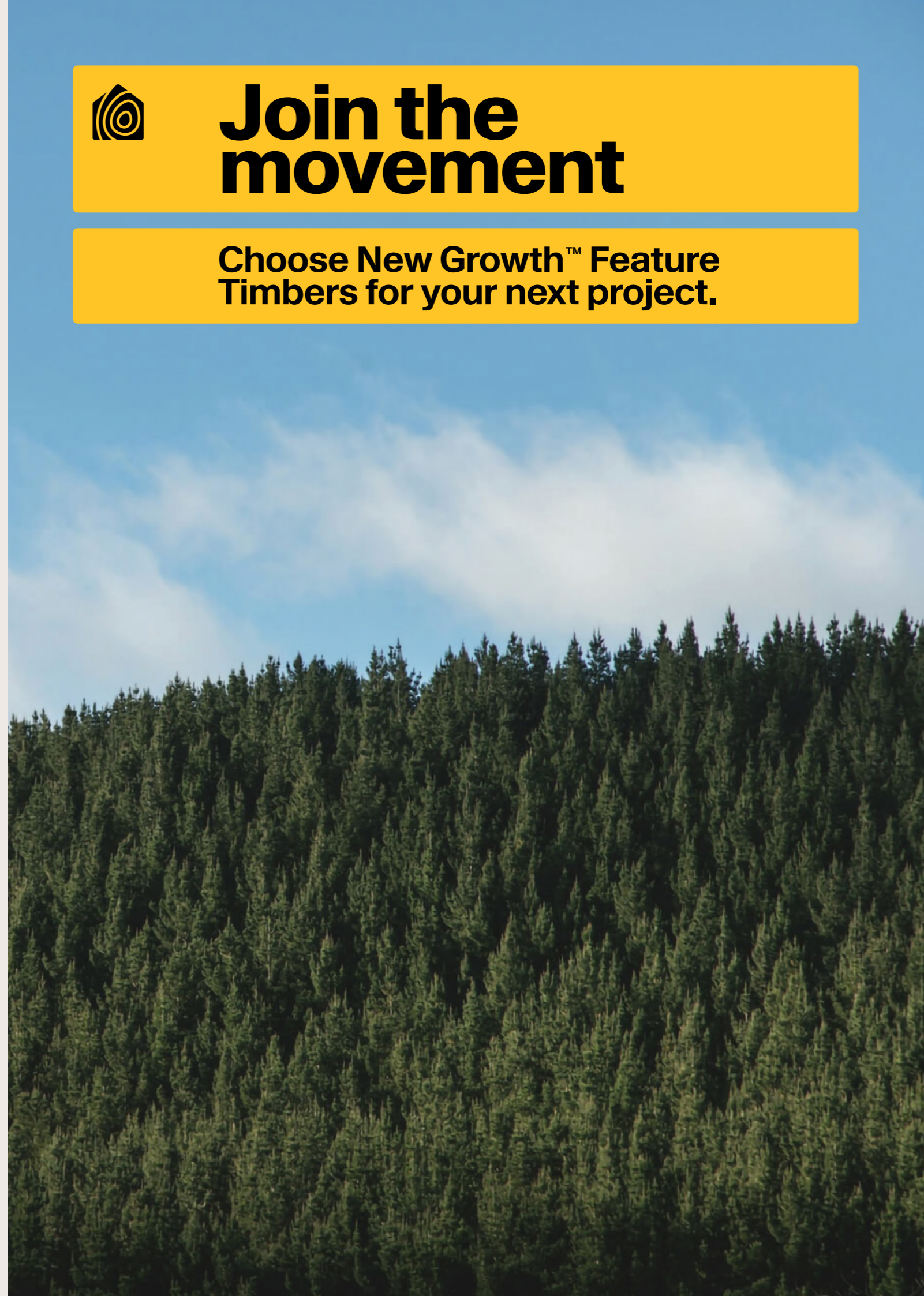
We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

- **Rapidly Renewable:** Sustainably grown, FSC<sup>®</sup> 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<sup>™</sup> 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.
- Termite treated for all areas of Australia.

### ○ 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, subject to availability, please speak to your local distributor.

## Vulcan Cladding is Available in Two Ranges

### ○ Architectural Series

Our premium cladding, ideal for architectural projects where a largely clear aesthetic is desired.

### ○ Standard Series

Includes some knots and natural features, available at a more accessible price.

## Colour Range



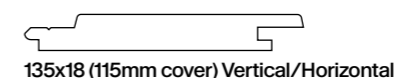
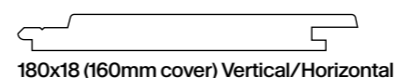
Available in bandsawn or brushed finish. Bandsawn is the default finish. Colour may change/fade as a part of the natural weathering process. Coating performance on brushed finish may be lower compared with bandsawn finish.

### ○ Key

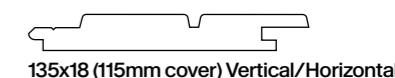
● Not available in Standard Series. ● Not available in Western Australia.

## Architectural Series Profiles

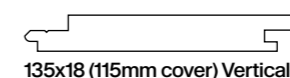
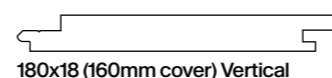
### ○ WB18 New Profile



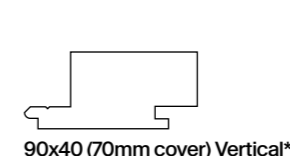
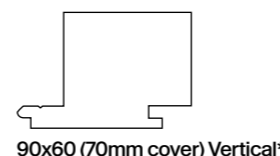
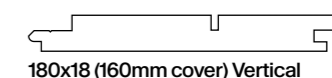
### ○ WB21 New Profile



### ○ WB12



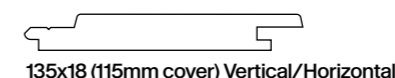
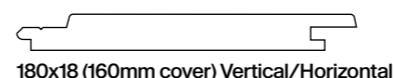
### ○ Fineline WB12F



Profiles supplied as standard with bandsawn face. Brushed face optionally available subject to a price premium. \*Non-standard profile, please contact your local distributor for availability.

## Standard Series Profiles

### ○ WB18 New Profile



All profiles supplied with bandsawn face 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 House on the Bay – Melbourne, Australia, Vulcan Screening is designed to weather gracefully, even in harsh environments.

Lightweight and extremely stable, Vulcan Screening requires less fixing than heavier, less predictable hardwood alternatives – making installation more efficient.

Derived from FSC® certified local plantation forests, this is an excellent renewable alternative to hardwoods for use in facade rain screens, fencing, and privacy screens.
- Wood Species
 

Thermally Modified Radiata Pine (Pinus Radiata).

Vulcan Screening is light weight and extremely stable, therefore requiring less fixing than heavy and unstable hardwood species.
- Lengths
 

Mix of standard lengths – Supplied in a fair mix of standard lengths from 1.2m to 6.0m\*

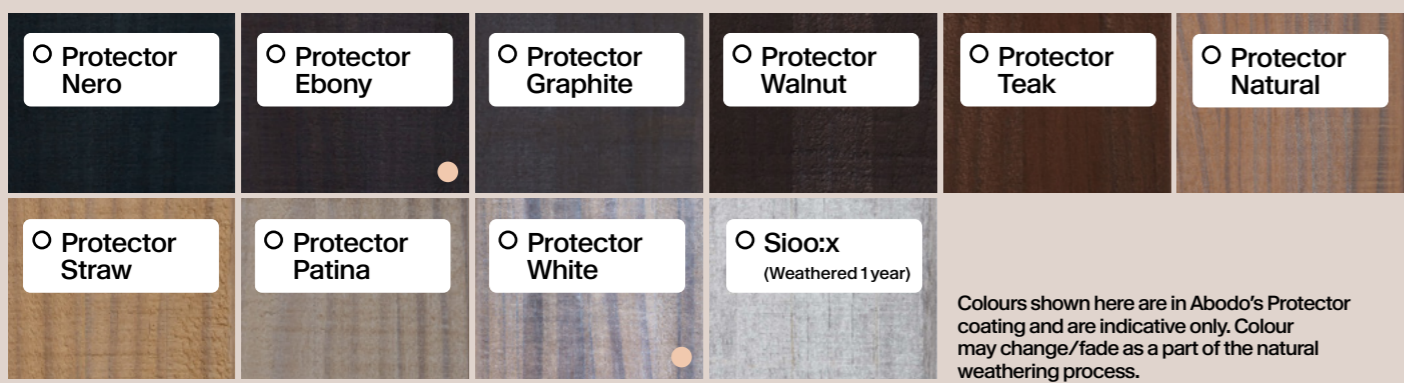
Product supplied as standard in mixed length.\*Specified fixed length orders may be available, please check with your local distributor.

**Sizes (Finished Dimensions)**

Standard Sizes (mm)		
42x18	32x32	42x42
88x18	42x32	65x42
	65x32	88x42
	88x32	

Can be supplied as bandsawn or brushed finish. Default finish is bandsawn.  
Note: Other sizes are available. Please check with your distributor prior to placement of order.

## Colour Range (for Vulcan Screening)



○ Key      ● Not available in Western Australia.

# Spotlight on Vulcan® Timber Pergolas

The stability, span width capability and lightweight nature of Vulcan Screening timber makes it popular for pergolas.

### ○ Siskas Apartments – North Fremantle, Australia

Siskas Apartments in North Fremantle is a luxury apartment building in Western Australia that has made use of Vulcan Screening for pergola structures around its pool deck and lobby. For an upmarket residence that prides itself on its landscaping, these pergolas provide a sense of serenity and leafy opulence while also meeting practical needs for shade.

**Architect:** Fred Zuideveld and Craig Steere  
**Photography Credit:** Acorn Photo  
**Timber Distributor:** Austim



### ○ Te Huruhi School - Auckland, New Zealand

Te Huruhi School Hall, the last original building on the rebuilt Waiheke Island campus, was linked to the new Vulcan timber-clad facilities with a striking pergola entrance. Crafted from Vulcan Screening, the structure evokes a whare, welcoming visitors into the hall.

**Spatial Designers:** SPACEINBTWN - Ruth Findlay and Kirsten Newton  
**Builder:** Maxum Construction  
**Photography Credit:** Peter Rees Photography and SPACEINBTWN



### ○ The Farmhouse – Delhi, India

The Farmhouse in Delhi, India is a semi-rural residence showcasing Vulcan timber in a custom combination of Protector colour Teak and Straw. Vulcan Screening forms pergolas, a poolside bar, and screens for windows and an external staircase, adding warmth against the stone-clad buildings.

**Architecture + Interiors:** ENAR Consultants (Ar. Pankaj Khullar)  
**Photography Credit:** Suryan/Dang



Please contact Abodo or your local distributor for availability.

# 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

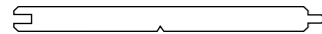
Mix of standard lengths – Supplied in a fair mix of standard lengths from 1.2m to 4.8m.

Product supplied as standard in mixed length.

Specified fixed length orders may be available, please check with your local distributor.

## Standard Profiles

### TG9

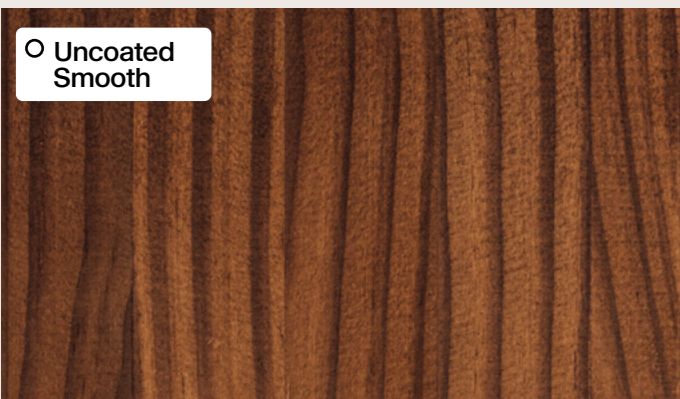


135x10 (135mm cover)

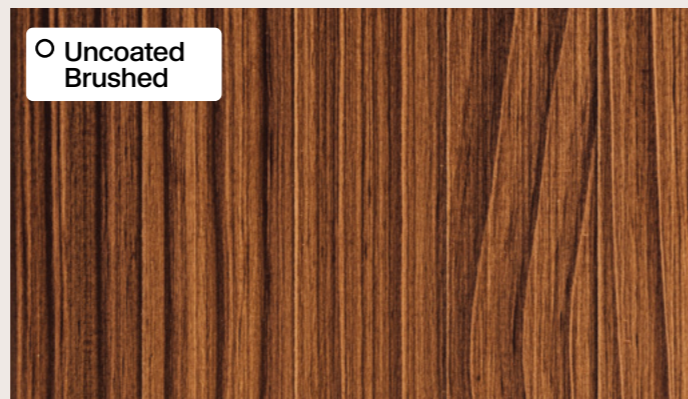
Profiles supplied as standard with smooth face. Band sawn and brushed face optionally available subject to a price premium.

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. Speak to your local distributor about coating options.

# 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 enhance the stability of the wood, it is graded with semi-vertical grain orientation and is treated with a H3 LOSP (Light Organic Solvent-based Preservative) for ultimate durability and termite resistance, warranted for 25 years.

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

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

## Standard Profiles

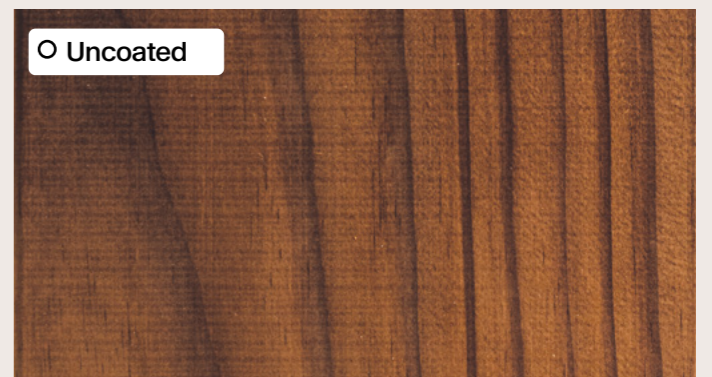
Graded to one face.

DK4R



140x27

## Colour Range



Uncoated

# Explore Vulcan® Timber Projects

Vulcan is more than a design choice – its a statement. Offering the timeless beauty of old growth with none of the environmental cost.

## ○ Food Innovation Precinct – Mandurah, Australia

A palette of Abodo timbers lends a sense of cohesion to this food research and development facility's three interconnected hubs. Food Innovation Precinct Western Australia (FIPWA) provides facilities for enterprises, educational institutions, and agri-innovation entities to undergo research and development on food products, to help build the food security and earning capacity of Western Australia.

**Architect:** i2c Architects  
**Photography Credit:** Silvertone Photography  
**Timber Distributor:** Austim



## ○ Dual Beauties – Sydney, Australia

A mondrianic facade of Vulcan Cladding in two shades gives this pair of semi-detached houses a clean cut, modern look. Contrasting, yet cohesive shades of Protector – Nero and Patina lend depth to the front facade.

**Architect:** MHN Design Union  
**Photography Credit:** Andreas Bommert  
**Timber Distributor:** Britton Timbers



## ○ Roscommon House – Western Australia

The rich tones of Vulcan timber make the Roscommon House an inspirational example of timber integration and versatility. Walls and ceilings have been designed as a series of unadulterated planes and blocks of interlocking sculptural shapes, further emphasised through services and lighting being generally discreet or even hidden.

**Architect:** Neil Cownie Architect  
**Photography Credit:** Robert Frith and Michael Nicholson  
**Timber Distributor:** Austim



Please contact Abodo or your local distributor for availability.

# Case Study: Dunlop Hub's Office Fit Out



## Project details

**Architect:** Pac Studio  
**Passive House Consultants:** VIA Architecture  
**Builder:** Dunlop Builders  
**Joiner:** ThermDura  
**Products:**  
 ○ Interior and joinery – Vulcan Cladding and Screening, Brushed and Bandsawn Finish, Uncoated  
**Photography Credit:** Dunlop Builders and Chris Lea  
**Location:** Wanaka, New Zealand

Dunlop Builders' headquarters have been expertly crafted using a range of mindfully chosen sustainable materials including Abodo timbers, with a result that not only provides a beautiful and comfortable workspace, but also achieves a New Zealand first for an office with Passive House certification.

Please contact Abodo or your local distributor for availability.



○ Carbon Storing    ○ Responsibly Sourced    ○ EPD Certified

# 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.

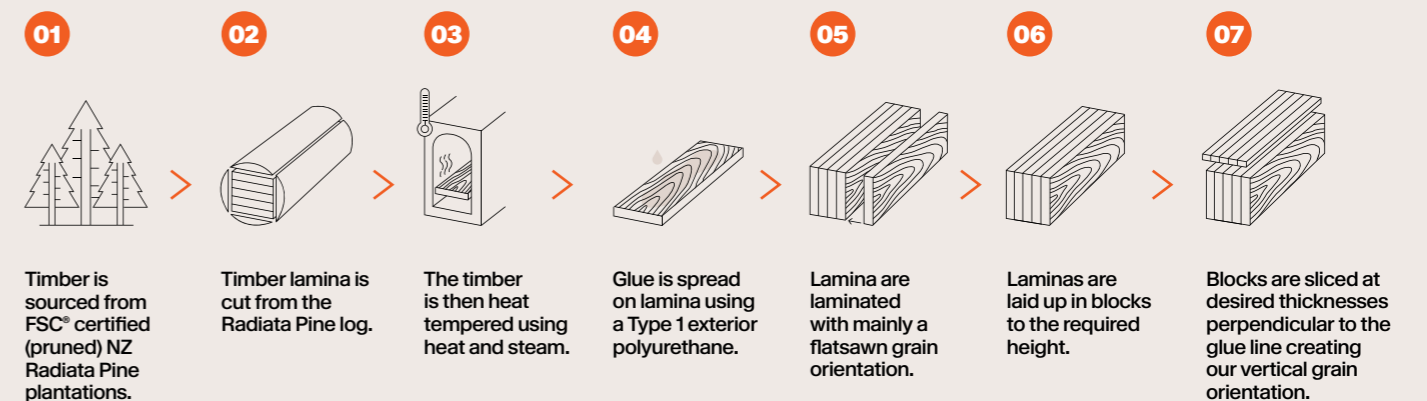
We apply this craft at each step of the process, including our considered choices on log

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.**

# Accessories

○ Accessories, Coatings and Fixings available, please discuss with your local distributor.

## Cladding – Comparison Guide

Vulcan Cladding – Architectural Series



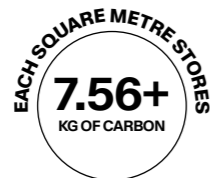
Vulcan Cladding – Standard Series



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.
Lengths Available	Can be supplied as mixed or select lengths.	Supplied as mixed length only.
Colour Range	– Full range of Abodo’s Protector coating colours (x9) – Sioux Coating	– Full range of Abodo’s Protector coating colours (x9)
Finish	– Bandsawn – Brushed	– Bandsawn
Profile + Size	– WB12 (180x18, 138x18, 90x60, 90x40, 90x18) – WB12F (180x18) – WB18 (180x18, 135x18) – WB21 (135x18)	– WB18 (180x18, 135x18)
Pricing Indication	\$\$\$	\$\$

Both 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.



Vulcan Cladding



The information in this document is indicative only may be subject to change at any time. For current technical specifications check [abodo.com.au](http://abodo.com.au)  
Version: Oct 25.

📍 Proven in Australian conditions for over 10 years, Vulcan® timber brings exceptional performance and the natural beauty your projects demand.







○ [info@abodo.com.au](mailto:info@abodo.com.au)

○ [abodo.com.au](http://abodo.com.au)