



Vulcan

# New Growth<sup>TM</sup> 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.

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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.

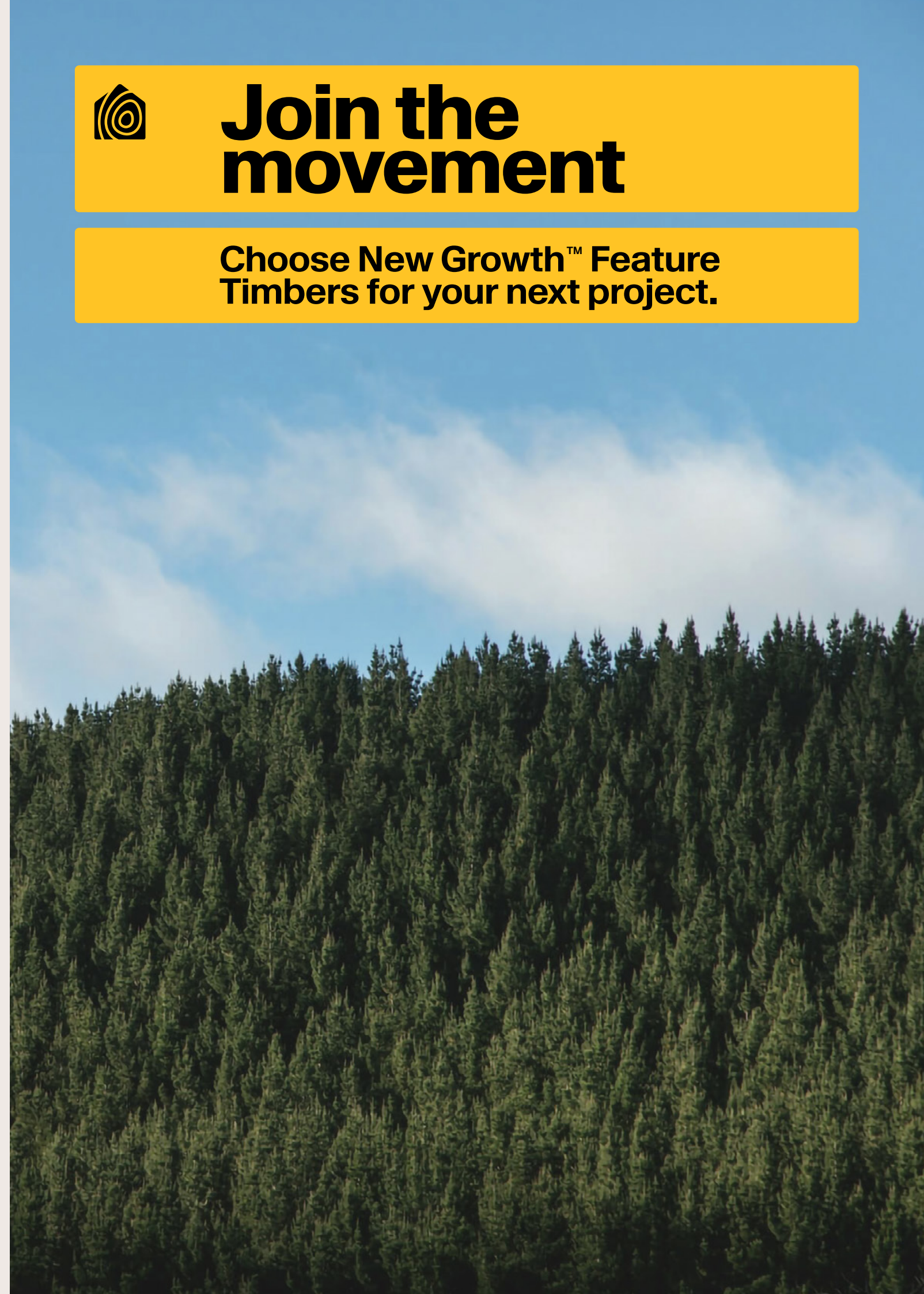
We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

- **Rapidly Renewable:** Sustainably grown, FSC® 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.

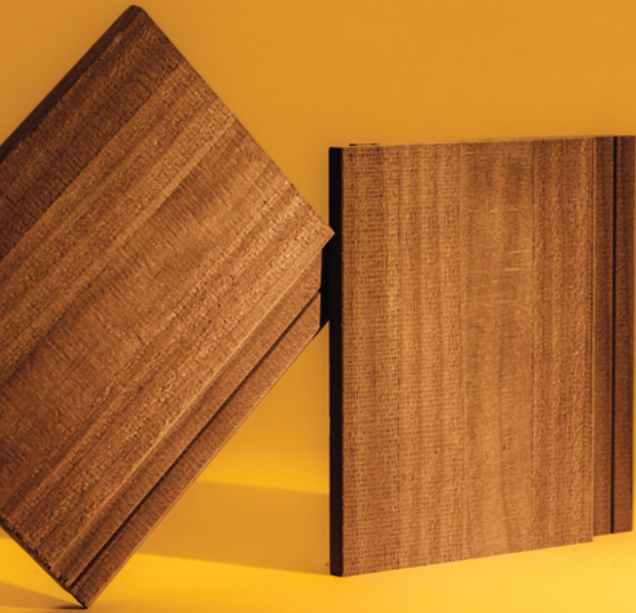




# Vulcan® Cladding – Vertical Grain

○ Architectural Series

○ Standard Series



○ Overview

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

## 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, available in a select range of colours, at a more accessible price. Offered 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 Available until 31 Dec 2025

180x20 (160mm cover) Vertical/Horizontal

○ Bevelback AW62

180x20 (148mm cover) Horizontal

○ WB12

180x20 (160mm cover) Vertical

○ Fineline WB12F

180x20 (160mm cover) Vertical

○ WB18 New Profile

180x18 (160mm cover) Vertical/Horizontal

○ WB18 New Profile

135x18 (115mm cover) Vertical/Horizontal

○ WB18 New Profile

90x60 (70mm cover) Vertical

○ WB18 New Profile

90x40 (70mm cover) Vertical

○ WB18 New Profile

90x20 (70mm cover) Vertical

Profiles supplied as standard with bandsawn face. Brushed finish available with additional cost.

## Standard Series Profiles

○ WB18

135x18 (115mm cover) Vertical/Horizontal

All profiles supplied with bandsawn face.



# 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 in a fair mix of standard lengths from 3.0m to 4.8m.
- 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  | 290x32 | 42x42  |
| 65x18          | 65x25  |        | 65x42  |
| 88x18          | 88x25  |        | 88x42  |
| 138x18         | 238x25 |        | 138x42 |
|                |        |        | 180x42 |

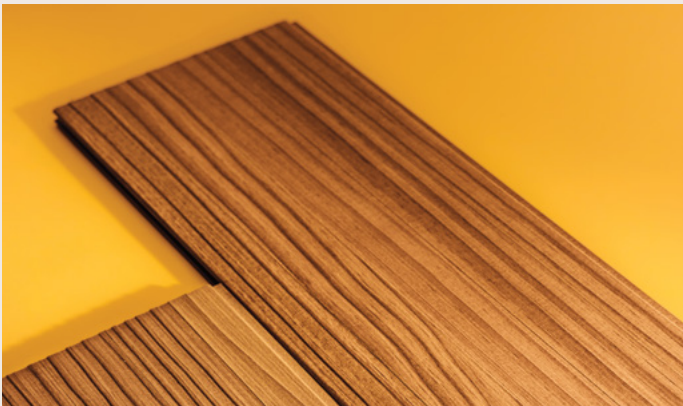
Can be supplied as bandsawn or brushed finish.  
Note: Other sizes are available. Please check with your local distributor for availability.

## Colour Range



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.


# Vulcan® Panelling



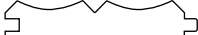
- ☐ Overview
- Abodo's Vulcan Panelling brings the warmth of wood to interior applications, such as ceilings, walls and feature eaves or soffits.
- Created from heat tempered plantation timber, Vulcan Panelling is a lightweight, stable sarking timber with excellent thermal characteristics. It can be 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 in a fair mix of standard lengths from 1.2m to 4.8m.

## Standard Profiles

☐ TG9

  
135x10

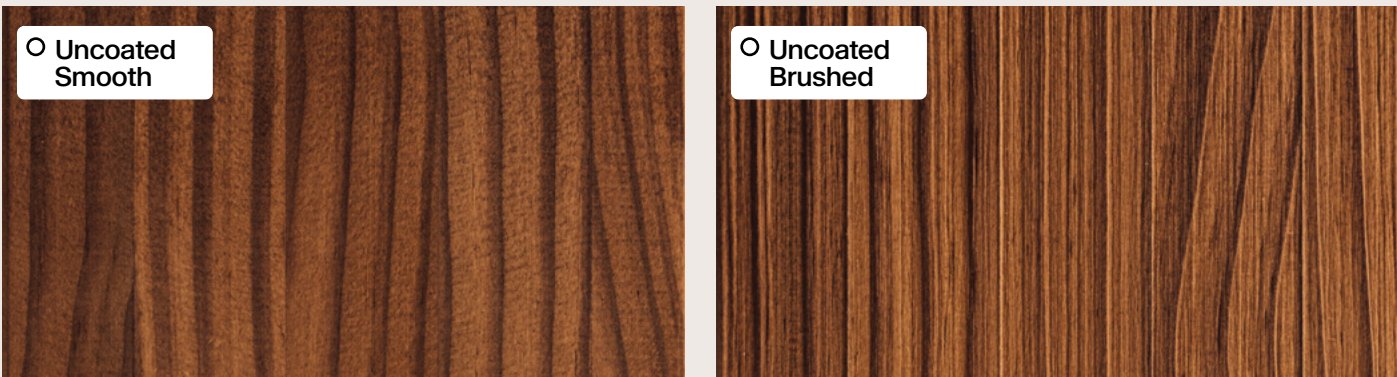
☐ TG17

  
84x17

175x10

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 availability and coating options.

## Colour Range



Supplied as standard uncoated.



# Vulcan® Shingles



- ☐ Overview

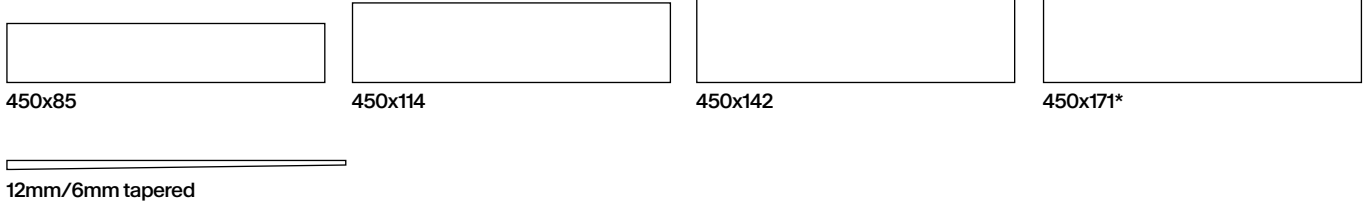
Delivering all the charm of yesteryear and updated for modern applications, Abodo Vulcan Shingles are a durable, high-end architectural finish for roofs, walls and gable ends.  
  
Durability is furthered by a low-VOC, water-based OPX preservative treatment that guards against mould and insects. The 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 bandsawn face.
  - Length – 450mm.

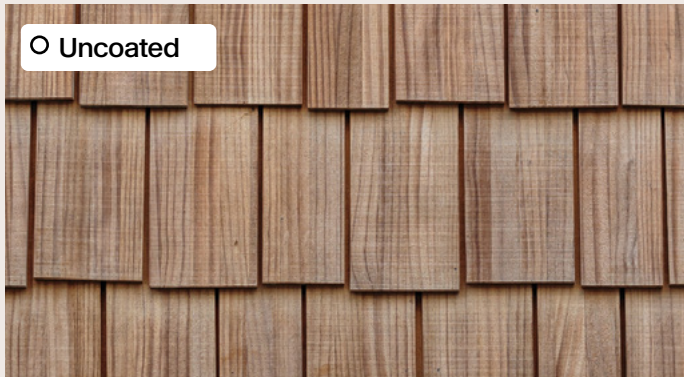
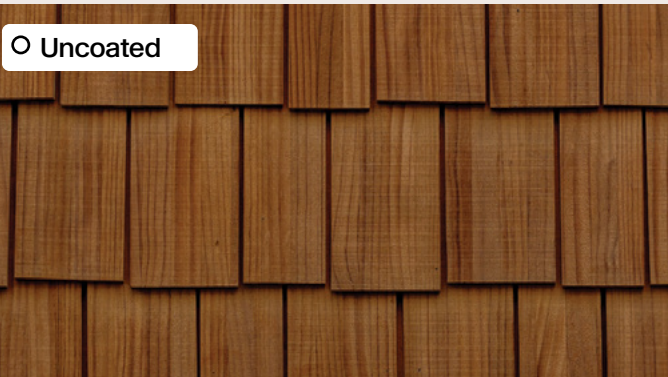
\*Non-stock size – made to order with MOQ and lead time.

## Standard Profiles



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

## Colour Range



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

# 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.

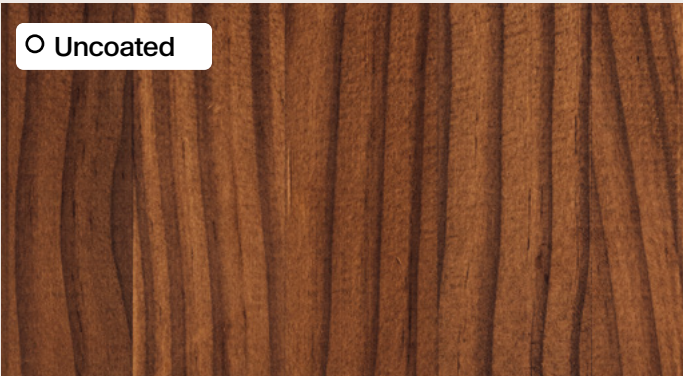
## Sizes (Finished Dimensions)

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

| Approx only (mm) |
|------------------|
| 146x142          |
| 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





# 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 in a fair mix of standard lengths from 3.0m to 4.8m.

## Standard Profiles

Graded to the reeded face.

☐ DK16V

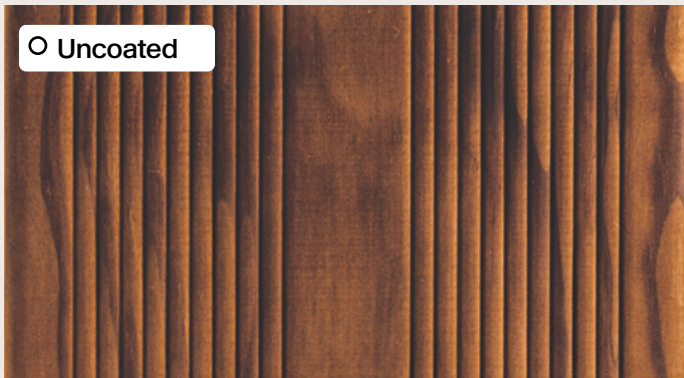


142x27

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 in a fair mix of standard lengths from 3.0m to 4.8m.

## Standard Profiles

Graded to one face.

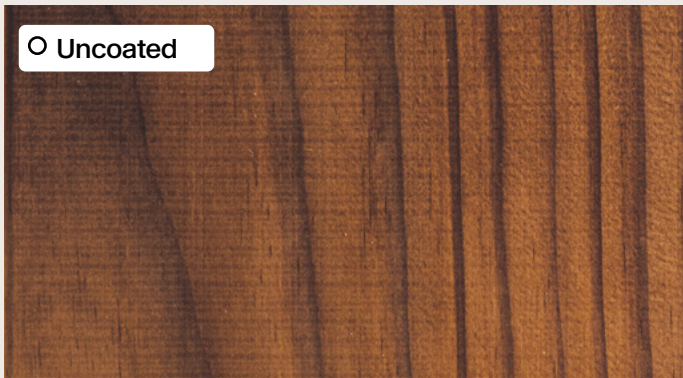
☐ DK4R



140x27

## 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.

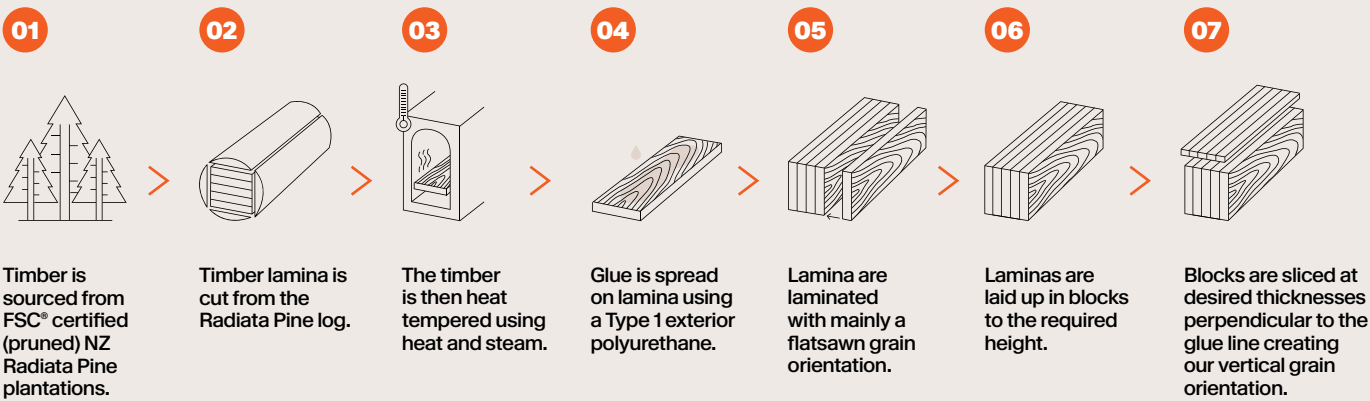
We apply this craft at each step of the process, including our considered choices on log

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 (thermal modification) newcomers with our trusted, incredibly high-performance timbers.

## Abodo's Patented Vertical Grain Process



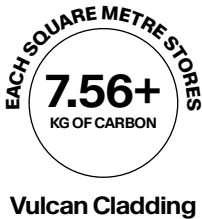
We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

## Cladding – Comparison Guide

|                    | Vulcan Cladding – Architectural Series  | Vulcan Cladding – Standard Series   |
|--------------------|---|---|
|                    |    |    |
| 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       | <ul style="list-style-type: none"><li>– Full range of Abodo's Protector coating colours (x9)</li><li>– Sioo:x Coating</li><li>– Iron Vitriol</li></ul>  | <ul style="list-style-type: none"><li>– Full range of Abodo's Protector coating colours (x9)</li></ul>  |
| Finish             | <ul style="list-style-type: none"><li>– Bandsawn</li><li>– Brushed</li></ul>  | <ul style="list-style-type: none"><li>– Bandsawn</li></ul>  |
| Profile + Size     | <ul style="list-style-type: none"><li>– WB12 (180x20, 138x20, 90x60, 90x40, 90x20)</li><li>– WB12F (180x20)</li><li>– WB10 (180x20, 138x20)</li><li>– WB18 (180x18, 135x18)</li><li>– Bevelback AW62 (180x20)</li></ul> | <ul style="list-style-type: none"><li>– WB18 (135x18)</li></ul>   |
| 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.



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



