



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.

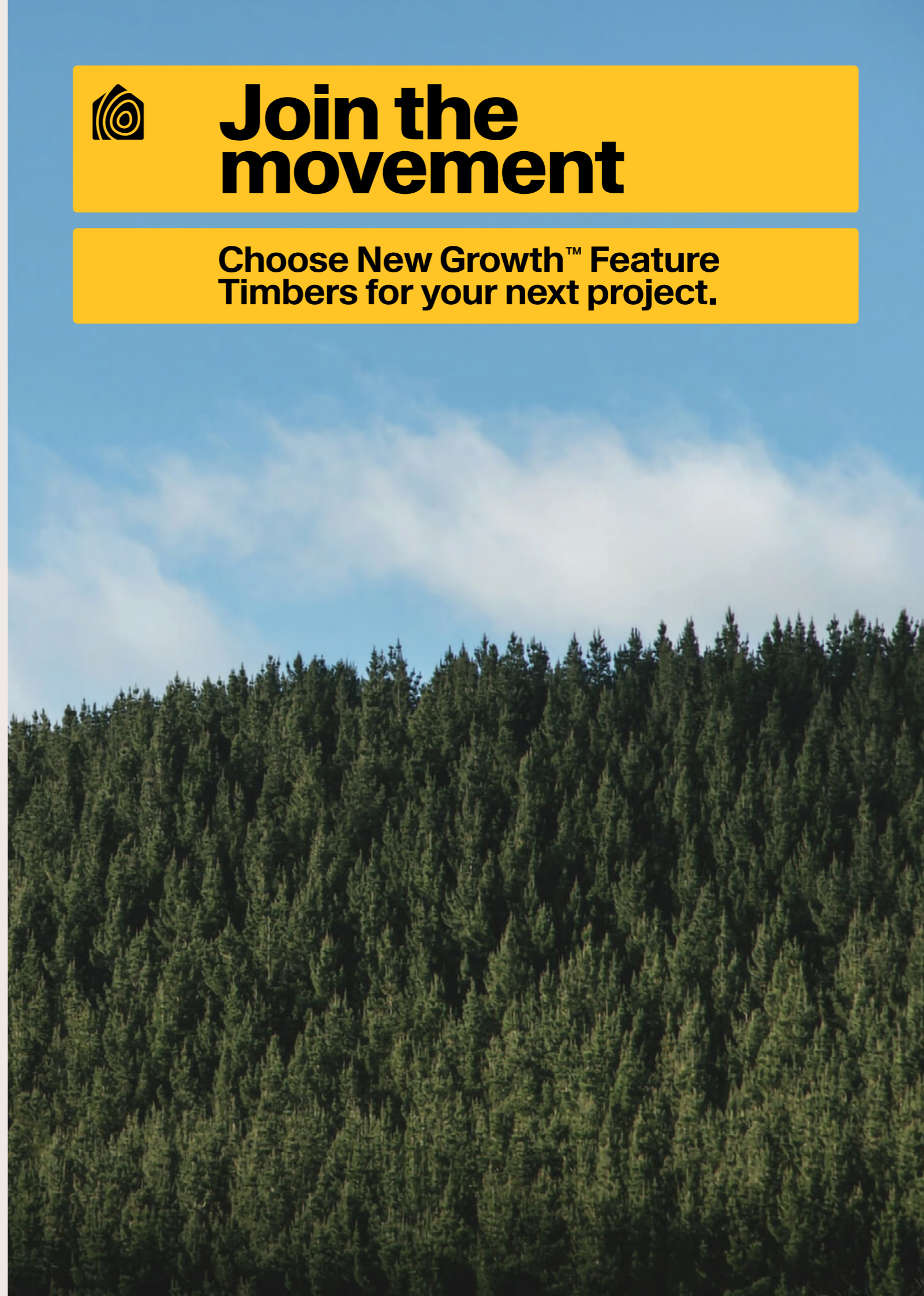
We've redefined what's possible with timber by combining sustainable sourcing with advanced technology.

- **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.
-



Join the movement

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



Vulcan® Cladding – Vertical Grain



○ Architectural 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 tongue and groove boards. 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 at 3.0m, 3.6m, 4.2m, 4.8m, 5.4m.
(Predominant lengths are 4.2m and 4.8m).

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.

Architectural Series Profiles

- WB18
 - 18x180 (160mm cover) Vertical/Horizontal
 - 18x135 (115mm cover) Vertical/Horizontal
- WB12
 - 20x180 (160mm cover) Vertical
 - 20x138 (118mm cover) Vertical
 - 60x90 (70mm cover) Vertical
 - 40x90 (70mm cover) Vertical
 - 20x90 (70mm cover) Vertical
- Finline WB12F
 - 20x180 (160mm cover) Vertical

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

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 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 Mixed length – Supplied in a fair mix of standard lengths at 3.0m, 3.6m, 4.2m, 4.8m, 5.4m.
(Predominant lengths are 4.2m and 4.8m).

Typical Sizes (Finished Dimensions)

Standard Sizes

18x42	25x42	42x42
18x65	25x65	42x65
18x88	25x88	42x88
18x138	25x238	42x138
		42x180

Bespoke screening sections can be accommodated by your local distributor.

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.

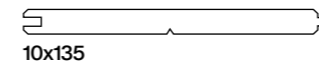
Vulcan® Panelling



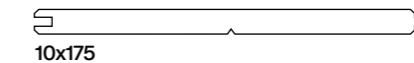
- Overview Abodo's Vulcan Panelling brings the warmth of wood to interior applications, such as ceilings, walls and feature eaves or soffits.
Created from heat tempered plantation timber, Vulcan Panelling is a lightweight, stable timber with excellent thermal characteristics.
It can be used to create 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 at 3.0m, 3.6m, 4.2m, 4.8m, 5.4m.
(Predominant lengths are 4.2m and 4.8m).

Standard Profiles

○ TG9

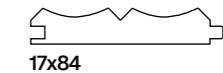


10x135



10x175

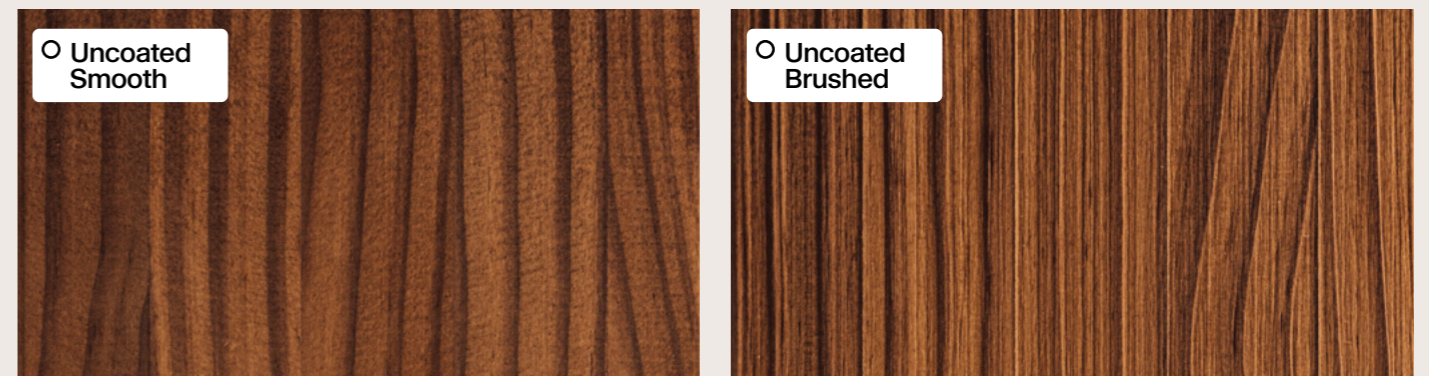
○ TG17



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 distributor for recommended coating options.

Colour Range



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

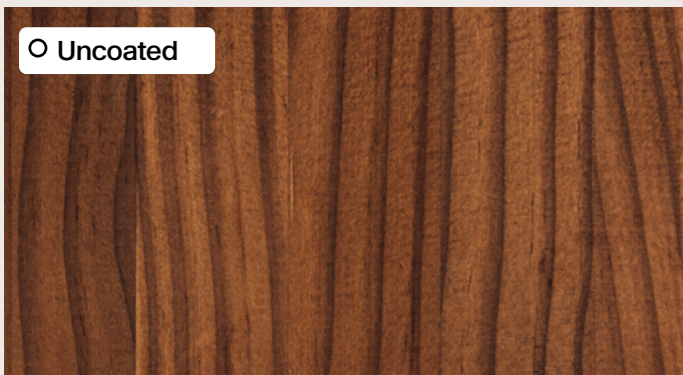
Chocolate brown (timber will weather naturally to grey unless a pigmented coating is applied and maintained).
- Coating

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

Mixed length – Supplied in a fair mix of standard lengths at 3.0m, 3.6m, 4.2m, 4.8m, 5.4m.

(Predominant lengths are 4.2m and 4.8m).

Colour Range



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.

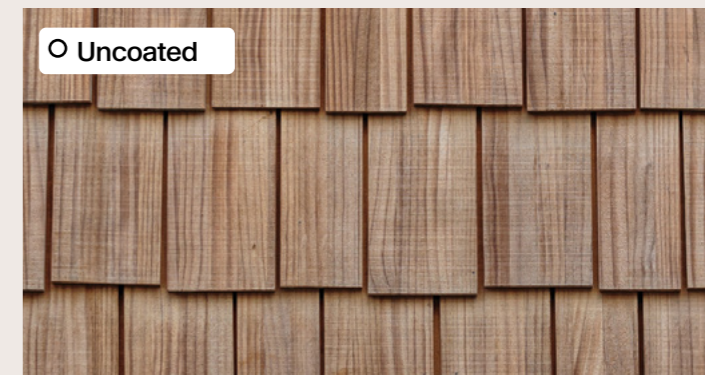
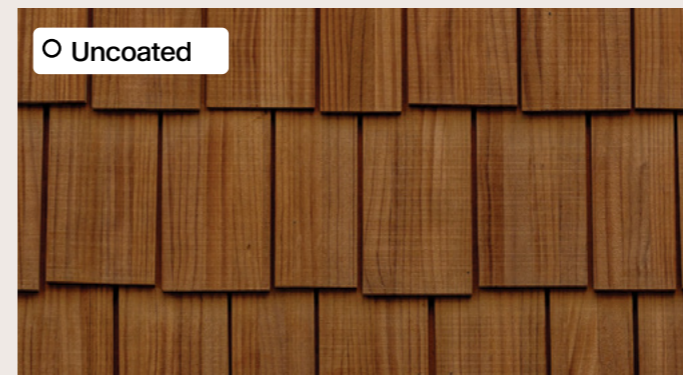
Durability is furthered by an organic water repellent impregnation OPX treatment that guards against mould and insects. The beautiful toasty brown colour will silver off with exposure to weather if left uncoated.

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 – 90mm or 120mm – Can be supplied as single or mixed width.
 - Thickness – 12mm/6mm tapered with bandsawn face.
 - Length – 450mm.

Standard Profiles

Colour Range



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.
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** 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.
This product can be treated with organic water repellent impregnation, on request.
- **Lengths** Mixed length – Supplied in a fair mix of standard lengths at 3.0m, 3.6m, 4.2m 4.8m, 5.4m.
(Predominant lengths are 4.2m and 4.8m).

Standard Profile

Graded to the reeded face.

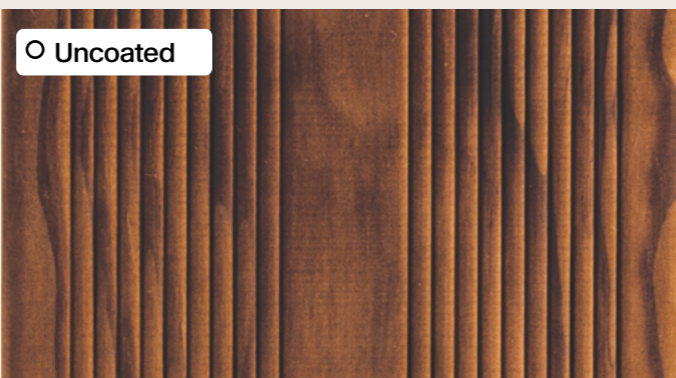
- DK16V



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.
This product can be treated with organic water repellent impregnation, on request.
- **Lengths** Mixed length – Supplied in a fair mix of standard lengths at 3.0m, 3.6m, 4.2m 4.8m, 5.4m.
(Predominant lengths are 4.2m and 4.8m).

Standard Profile

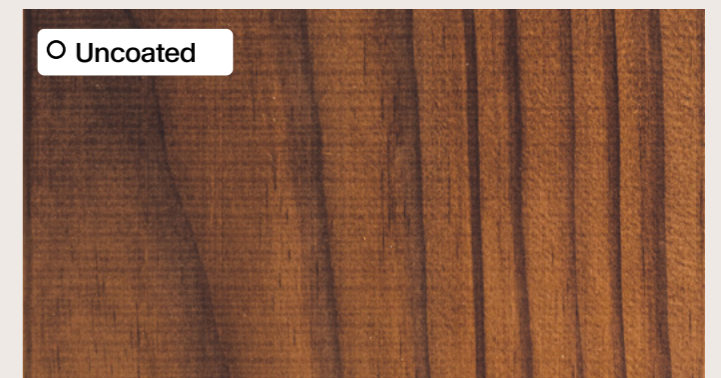
Graded to one face.

- 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.

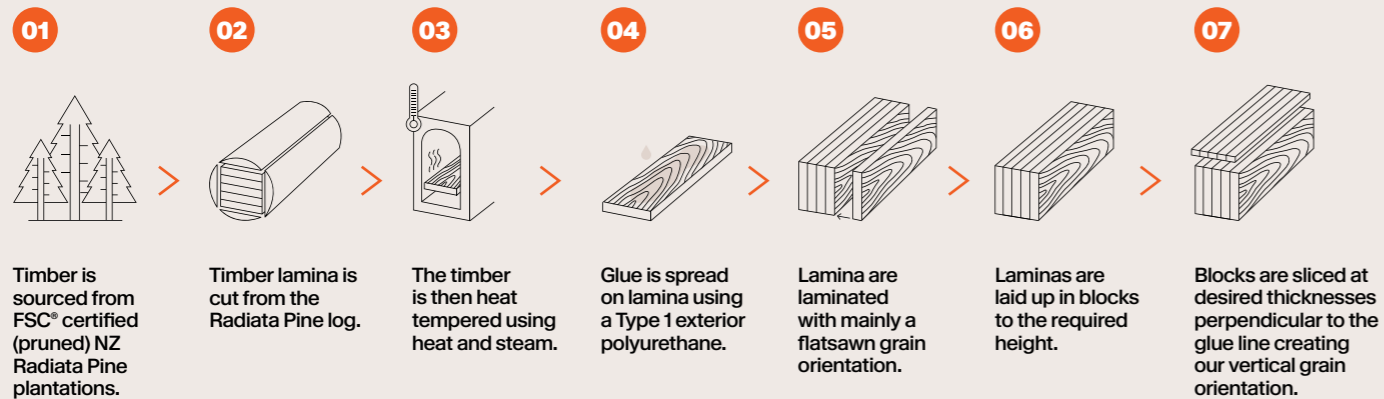
We apply this craft at each step of the process, including our considered choices on log

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



Timber is sourced from FSC® certified (pruned) NZ Radiata Pine plantations.

Timber lamina is cut from the Radiata Pine log.

The timber is then heat tempered using heat and steam.

Glue is spread on lamina using a Type 1 exterior polyurethane.

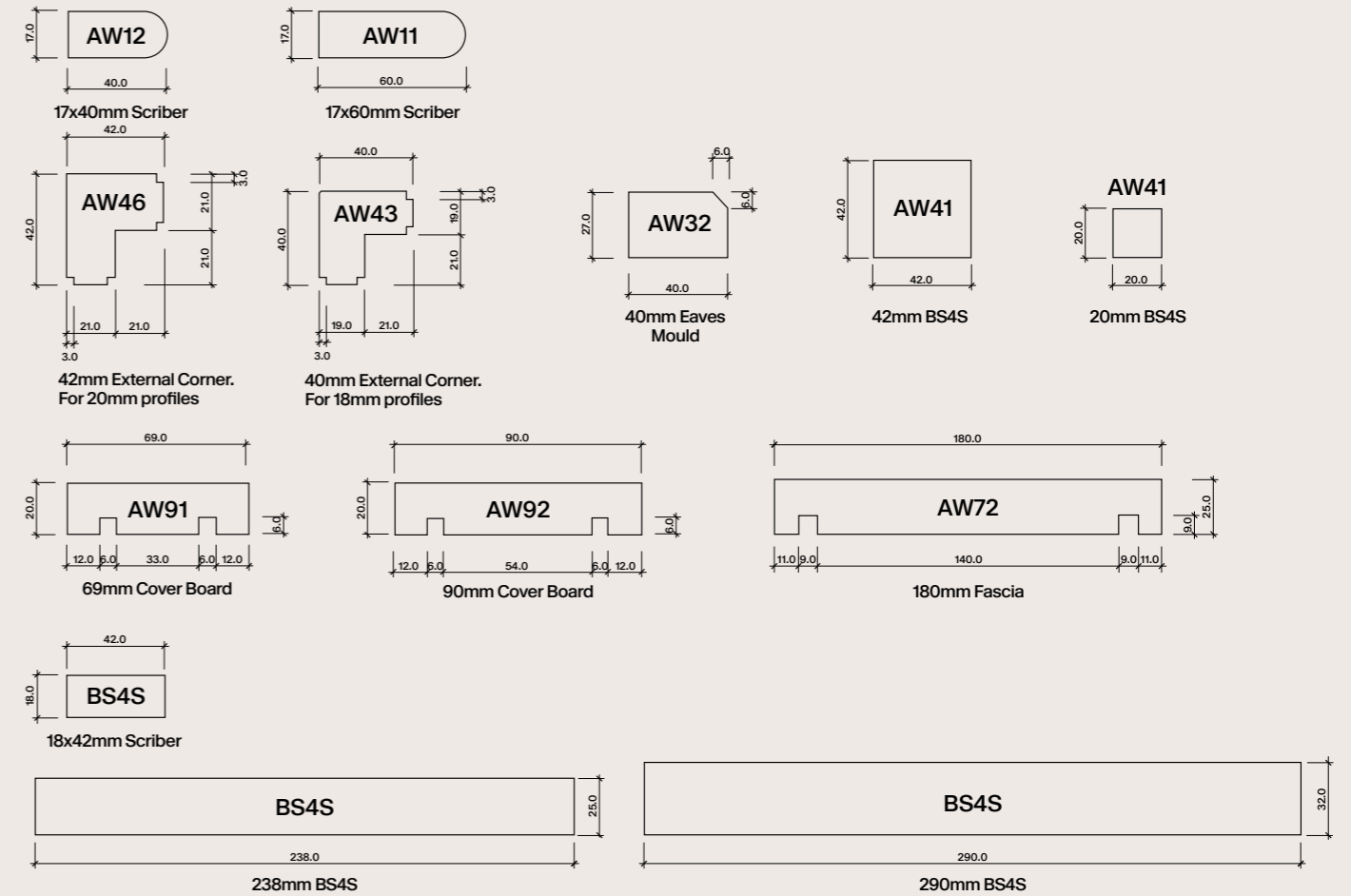
Lamina are laminated with mainly a flatsawn grain orientation.

Laminas are laid up in blocks to the required height.

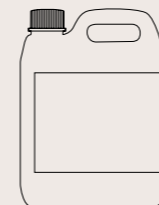
Blocks are sliced at desired thicknesses perpendicular to the glue line creating our vertical grain orientation.

Accessories

Recommended Exterior Mouldings



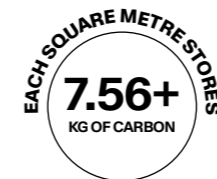
Protector Coatings



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



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



Vulcan Cladding





○ info@abodowood.co.uk

○ abodowood.co.uk