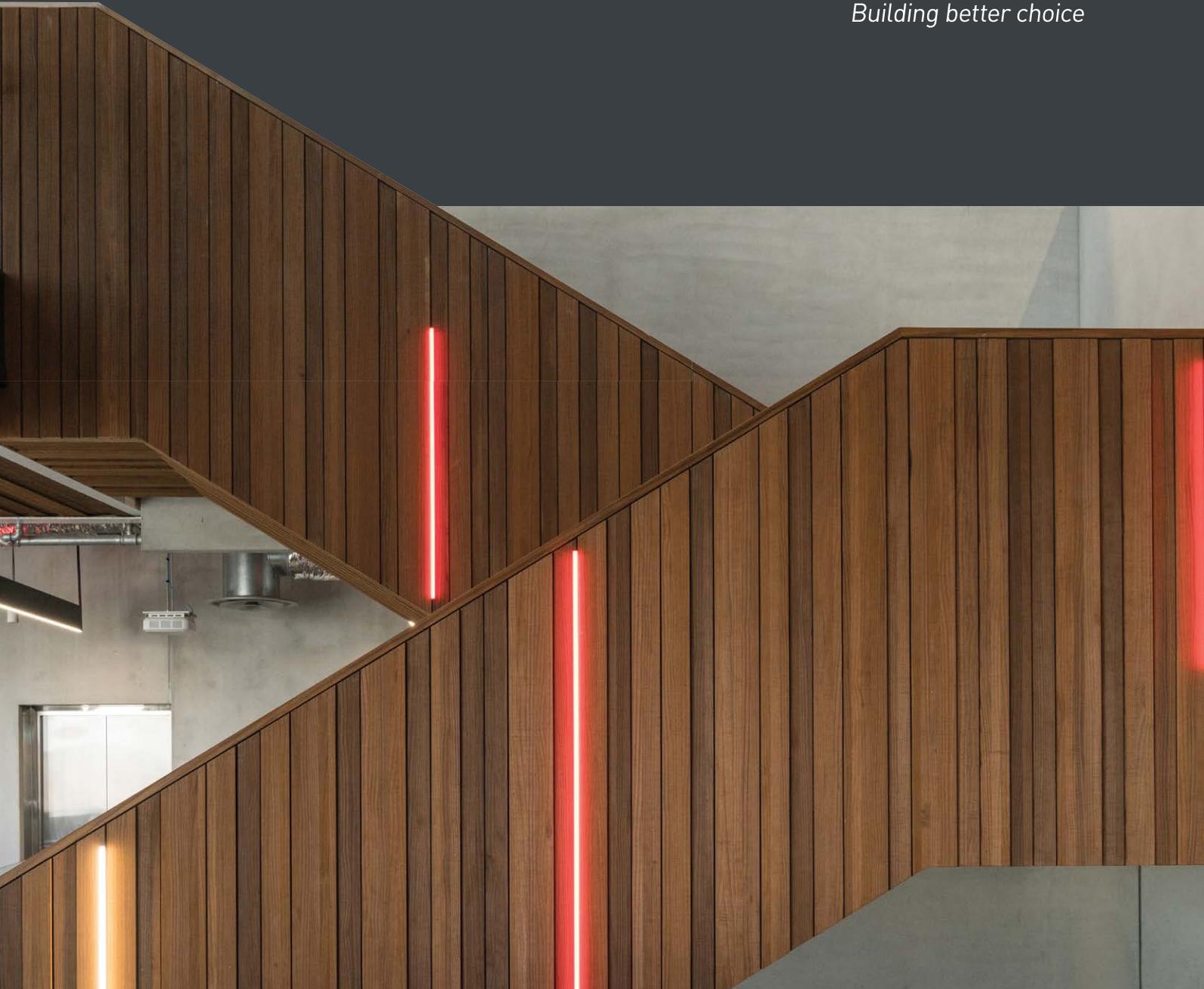


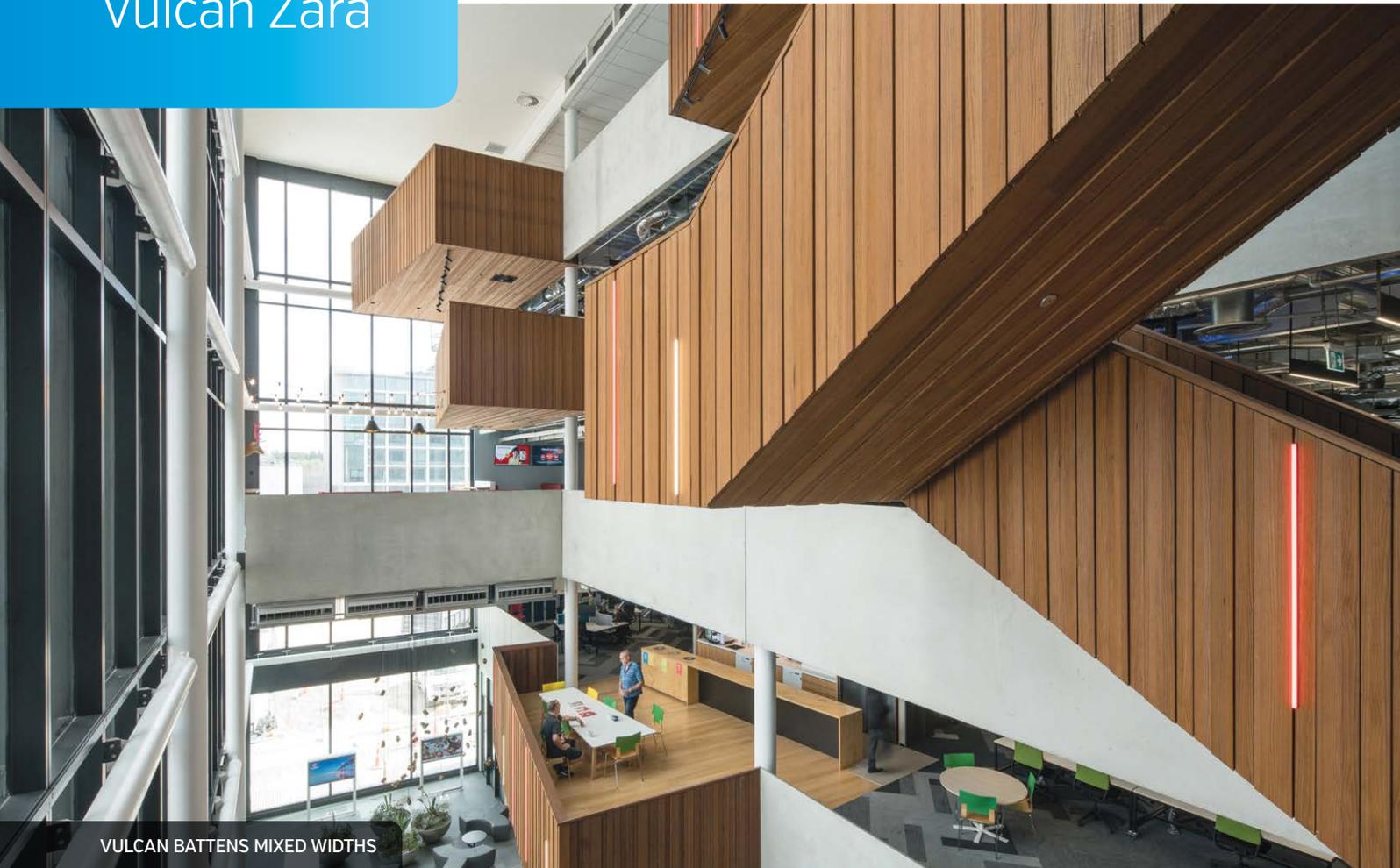


Building better choice



Vulcan Zara

Vulcan Zara



VULCAN BATTENS MIXED WIDTHS

Take advantage of more creative choice

Vulcan Zara cladding unleashes new design potential with five 'chunkier' profiles. The profiles can be mixed and matched for a distinctive, asymmetrical finish or used uniformly for streamlined class. They pave the way for standout design features including shadowlines and 3D effects. Best of all, the outstanding look comes with all the inherent benefits of a thermally modified wood product.

It's the elusive trifecta of modern developments: the highest green standards + architectural excellence + an easy, cost-effective build. The key could be innovatively engineered timber that's long-lasting, maintenance-free and easy to install.

Thermally modified cladding is proving to be the ideal solution for a growing number of today's architects, designers and builders.

The thermal modification process uses heat to 'cook' solid timber and permanently change its properties. The result is stable, durable material that resists decay and rot and provides a 30-year service life for above-ground applications like cladding and decking.

It is warm, natural timber without the maintenance hassles – and with real environmental bonuses.

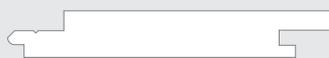
Having been at the forefront of providing this new-age material in Australia, Urbanline Architectural has recently added exciting new design possibilities to the mix.

Vulcan Zara cladding ticks all the boxes for contemporary, environmentally responsible projects. It's incredibly strong yet lightweight, eco-friendly, sustainable and non-toxic.

Profiles



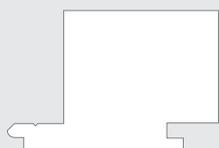
VZ 68 x 40



VZ 116 x 20



VZ 158 x 20



VZ 68 x 60

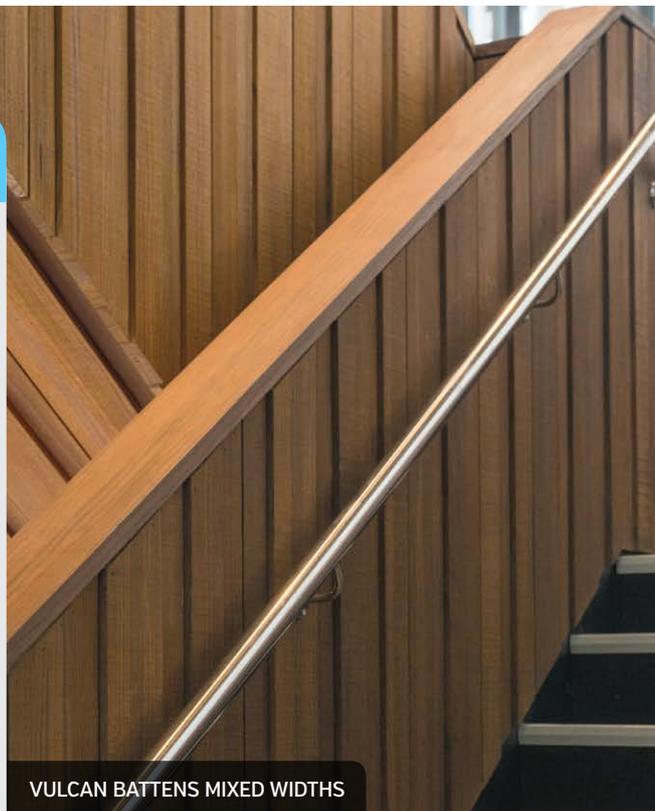


VZ 158 x 20F



CAD files

Download the latest CAD files from the product section of urbanline.com.au



VULCAN BATTENS MIXED WIDTHS

Vulcan Zara Cladding

Profile Code	Profile Width (mm)	Cover (mm)	Thickness (mm)	Profile Length (mm)	Max Spans (mm)	Certification	Linear metre per m ²	Weight per m ²
VZ 68 x 40	90	68	40	3.0, 3.6, 4.2, 4.5, 4.8*	450	FSC, H3 treated Durability Class 1 (Above ground)	14.8	Approx. 1.62kg
VZ 68 x 60	90	68	60	3.6, 4.2, 4.5, 4.8*	450	FSC, H3 treated Durability Class 1 (Above ground)	14.8	Approx. 2.43kg
VZ 116 x 20	138	116	20	3.6, 4.2, 4.5, 4.8*	450	FSC, H3 treated Durability Class 1 (Above ground)	8.7	Approx. 1.25kg
VZ 158 x 20	180	158	20	3.6, 4.2, 4.5, 4.8*	450	FSC, H3 treated Durability Class 1 (Above ground)	6.4	Approx. 1.62kg
VZ 158 x 20F	180	158	20	3.6, 4.2, 4.5, 4.8*	450	FSC, H3 treated Durability Class 1 (Above ground)	6.4	Approx. 1.62kg

* Set lengths, subject to availability at the time of ordering.

Colours*



Patina

Teak

Walnut

Manuka

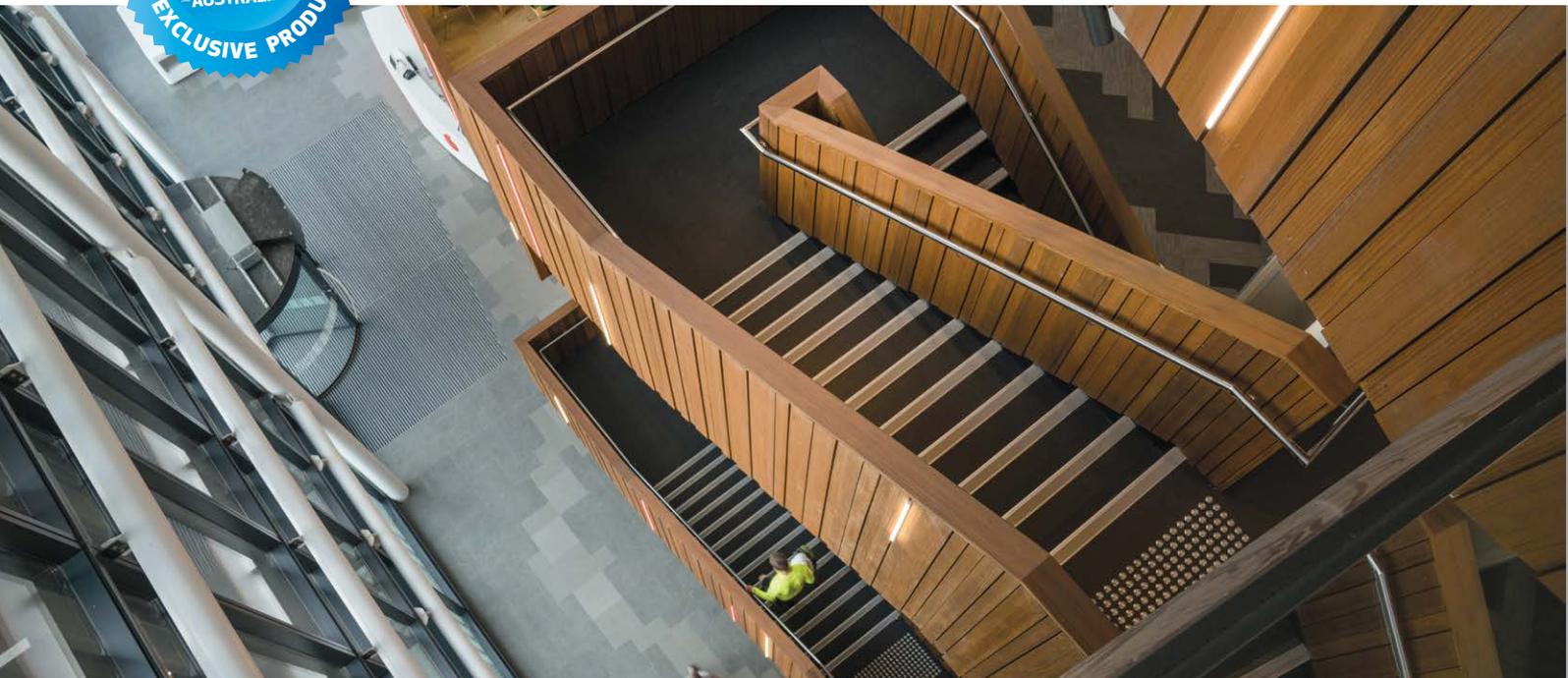
Graphite

* Other colours available on request

Strong, lightweight, sustainable cladding

Vulcan Zara Cladding is ideal for:

- External or internal cladding and feature wall use
- Office complexes
- Commercial reception areas
- Harsh environments
- Coastal environments
- Residential





There are so many great reasons to choose Vulcan Zara Cladding



Secret fix system

See installation instructions.



Thermally modified

sustainable and durable product.



FSC certified



Durability class 1 (above ground)

Kiln-dried for stability.



Guaranteed for 25 years

against rot, fungal decay, insects, termites.



Patented vertical grain for greater stability.

Select grade quality virtually free of defects (one edge knot and one small face defect per piece in 20% boards only).



Warmth and beauty of natural timber

with the benefit of low maintenance and greater durability.



Lightweight (12kg/m²)

and is available in random and set lengths of 3.0, 3.6, 4.2, 4.5 and 4.8 (subject to availability at the time of order).



CodeMark certified

H3 treated with protim organic preservation system – suitable for outdoor use.



Supplied factory pre-finished

with Elements Protector Oil – a high performance plant based finish in a range of colours.



Acoustic rating

R_w rating available.

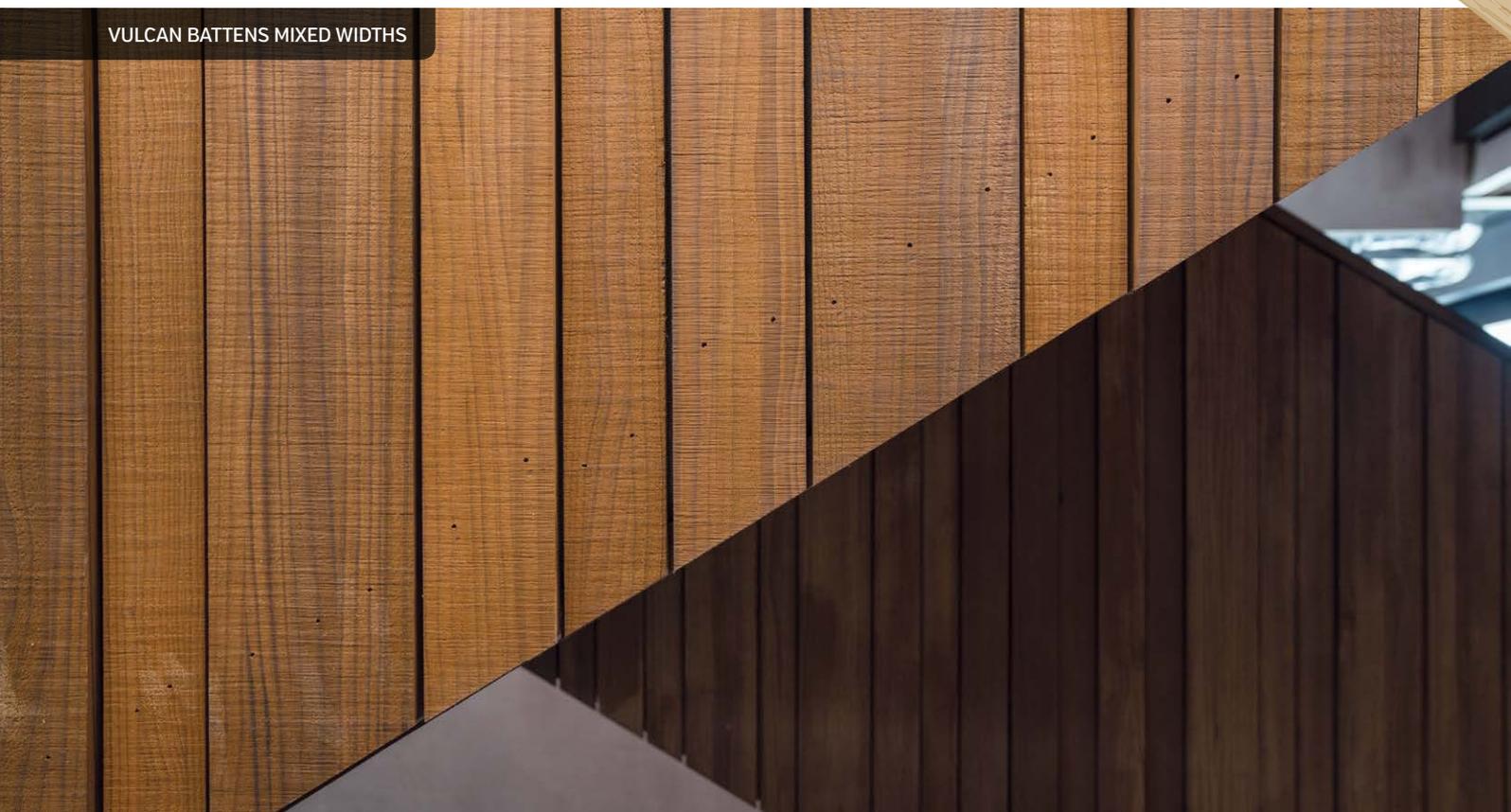
Thermally modified wood - the new age timber

Highly practical, sustainable, environmentally friendly timber species

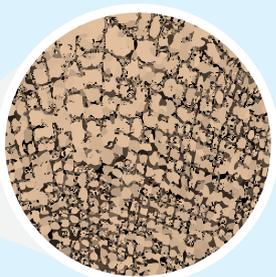
Thermally modified wood products like Urbanline's Vulcan Zara cladding represent a new type of innovatively engineered timber that's long-lasting, maintenance-free and easy to install.

The thermal modification process is chemical free and uses heat to cook solid timber to permanently change its properties creating a stable, durable building material that resists decay and rot and provides a 30-year service life for above-ground applications such as cladding and decking.

VULCAN BATTENS MIXED WIDTHS



The process

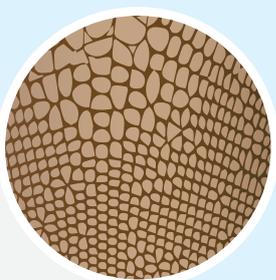


Before kiln drying

Water and other extractives are contained within the cell walls.

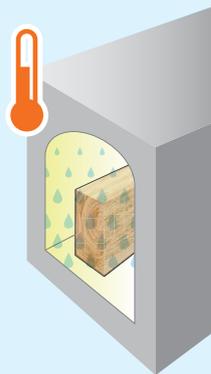
After kiln drying

Only a small fraction of water is left, cell walls shrink.



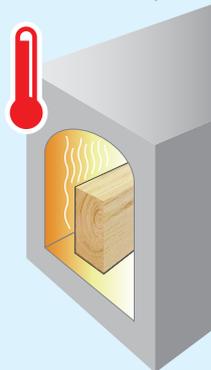
After thermal modification

The cell walls collapse and are fused. all remaining water is removed and cannot be reabsorbed.



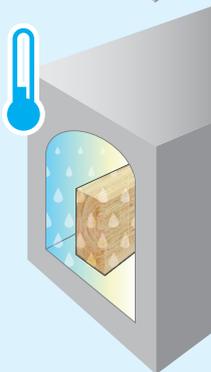
Phase 1:

The kiln is slowly elevated in temperature until the moisture content of the wood is essentially zero %. The wood in the kiln is then heated further until it reaches the desired modification temperature – in most cases 220° Celsius for outdoor end use applications.



Phase 2:

The Kiln is held at the modification temperature for a prescribed time to achieve full modification. This time is the critical point in the process.



Phase 3:

The Kiln temperature is lowered and the wood is reconditioned with steam [we bring the moisture content back to around 7%]. Once cool enough the wood can be extracted from the kiln.

The results are timber that's



Stable

Movement is reduced by up to 90% as compared to other species.



Beautiful colour

The sugar content caramelises, creating a dark brown colour.



Eco friendly

Contains no environmental hazards and sourced from New Zealand's renewable plantations.



Guaranteed

to withstand the harshest conditions.



Durability

Increases the durability of softwoods by removing all extractives.



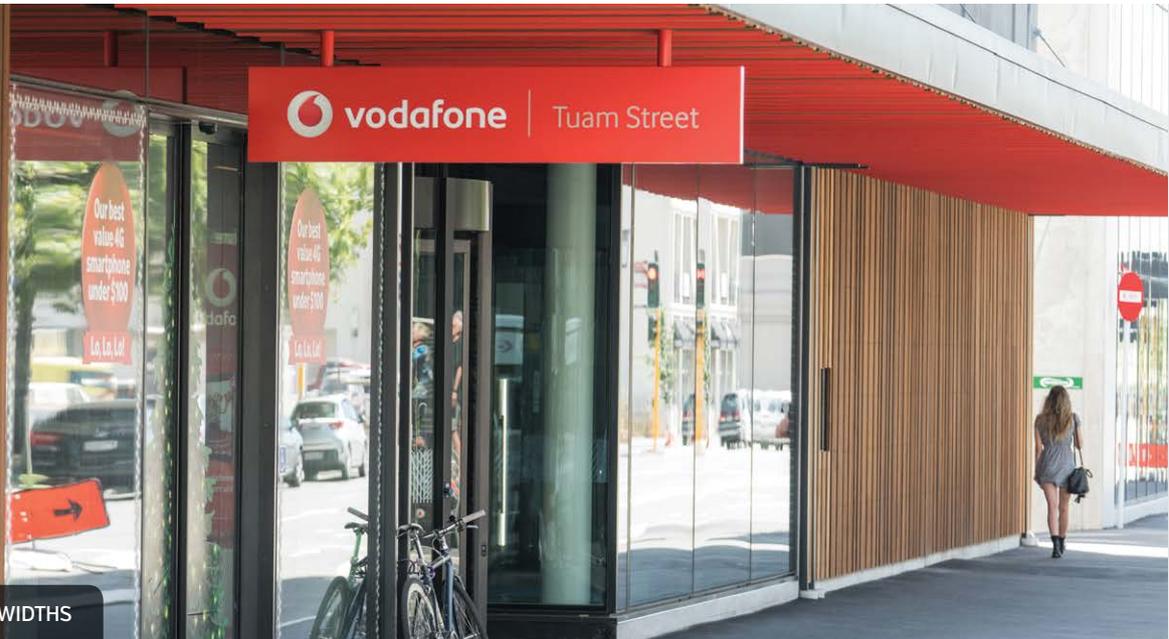
Improves thermal insulation properties.



Safe

Avoids the use of any chemicals or preservatives. 100% natural.

Project Profile



VULCAN ZARA CLADDING MIXED WIDTHS

Vodafone Headquarters, Christchurch: Stylish, technology-focused design

Location Christchurch, New Zealand
Builder Calder Stewart Construction



VULCAN BATTENS MIXED WIDTHS



VULCAN ZARA CLADDING MIXED WIDTHS



VULCAN BATTENS MIXED WIDTHS

Green Star Rating

Vulcan Zara cladding and battening is brilliantly showcased within the state-of-the-art headquarters of Vodafone in Christchurch New Zealand. While helping the building achieve its Green Star rating, the product injects a warmth and striking look to the stylish, technology-focused design.

Inside & Out

Unlike most other projects, the new Vulcan Zara product was used extensively inside the building which is quite unique considering its usual external application.

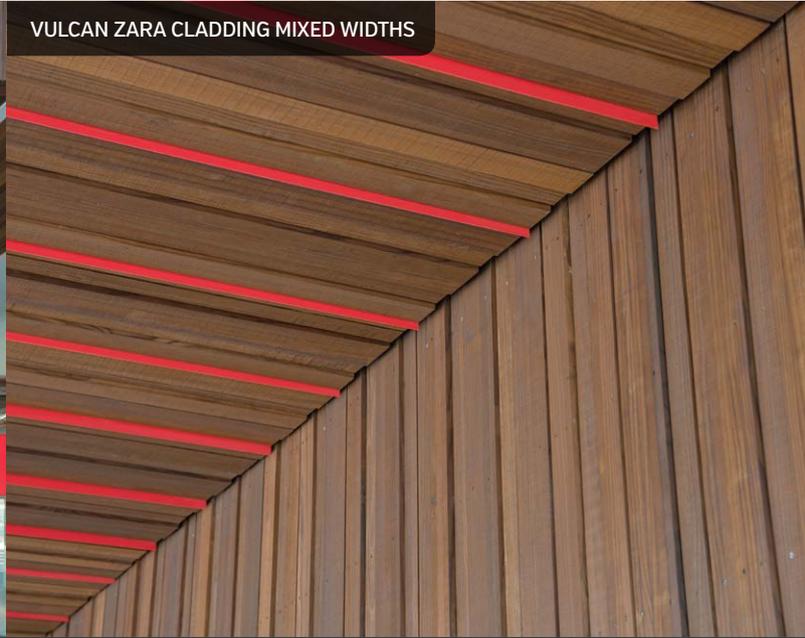
Design Potential

With its 'chunkier' options, the new profiles can be mixed and matched for a distinctive, asymmetrical finish or used uniformly for streamlined class. They pave the way for standout design features including shadowlines and 3D effects.

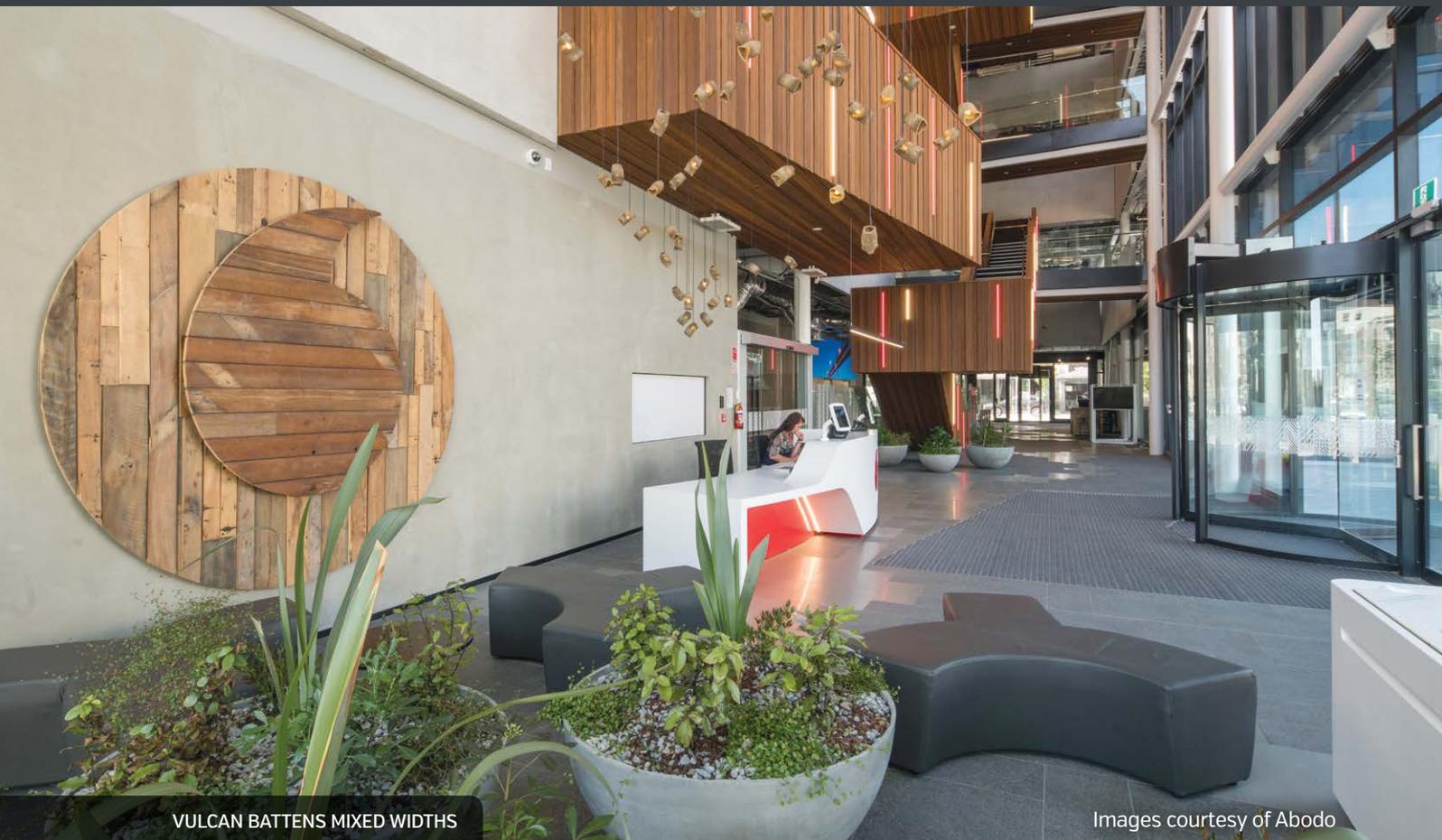
VULCAN BATTENS MIXED WIDTHS



VULCAN ZARA CLADDING MIXED WIDTHS



“Offering a seamless flow between the inside and out, it ticks the boxes for durability and performance – and was the perfect choice for a project promoting sustainability, wellbeing and business success.”



VULCAN BATTENS MIXED WIDTHS

Images courtesy of Abodo

Further product information and downloads for Vulcan Zara Cladding are available at urbanline.com.au



Installation instructions



Product care



CAD files



Technical information



Like what you see?

Get in touch and order your free sample today!

Phone 1300 658 638 Email sales@urbanline.com.au

For further product information and downloads Visit urbanline.com.au



Building better choice