



Vulcan Hector

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NC 125 x 20 H PATINA

Stand out naturally

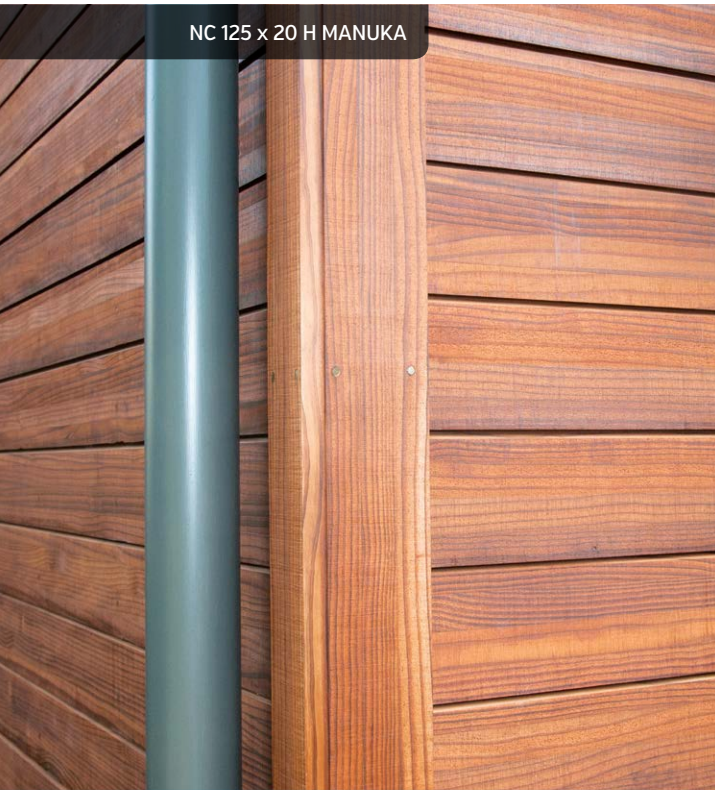
Stable and beautiful, Vulcan Hector cladding is FSC accredited and guaranteed to withstand even the harshest conditions. **Exclusive to East Coast of Australia through Urbanline**, Elements offers a durable, reliable and stylish cladding solution.

Vulcan Hector has been innovatively engineered from clear, modified plantation pine with heat and steam to create a sustainable, strong and stylish product. After thermal modification, the product is H3 treated – providing years of expected service in above ground cladding applications.

With a patented vertical grain that reduces any chance of surface cracks, this incredibly strong and versatile cladding is rated durability class 1 (above ground) - suitable for residential and light commercial developments. It's been H3 treated with protim organic preservation system to ensure a long life outside and is guaranteed for 25 years against rot, fungal decay, insects and termites.

Create the look you want with the warm natural colour profiles of teak, manuka, walnut, patina and graphite.

Available in set and random lengths, it's lightweight and easy to work with. A secret fix profile conceals nails and screws and enables better coating adhesion for a longer lasting product and seamless architectural profile. All the warmth, beauty and texture of natural timber, in a low maintenance, high performance, stand out solution.



NC 125 x 20 H MANUKA



NC 125 x 20 H PATINA

Profiles



NC 125 x 20



CAD files

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

Vulcan Hector 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
NC 125 x 20 V	145	125	20	3.6, 3.9, 4.2, 4.5, 4.8*	450	FSC, H3 treated Durability Class 1 (Above ground)	8	12kg/m ²

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

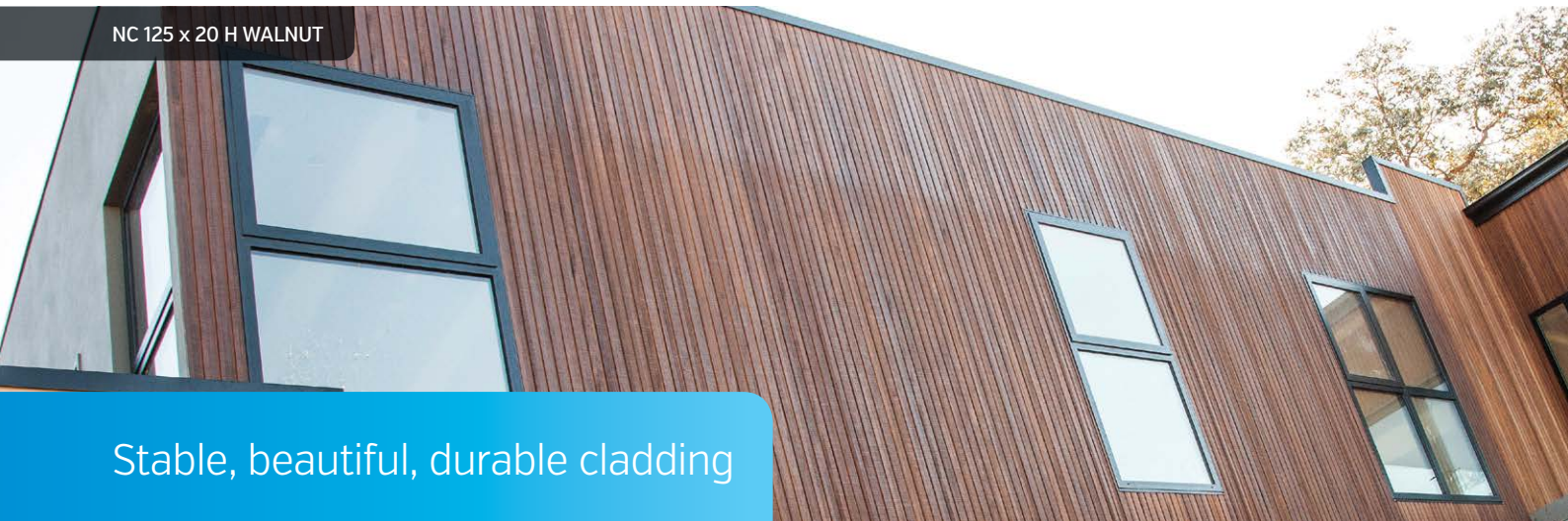
Colours*



Patina Teak Walnut Manuka Graphite

* Other colours available on request

NC 125 x 20 H WALNUT



Stable, beautiful, durable cladding

Warm natural timber without the maintenance hassle, Vulcan Hector Cladding is perfect for:

- External feature façade cladding for domestic and commercial applications
- Office complexes
- Commercial reception areas
- Harsh environments
- Coastal environments
- Residential



Acoustics



FSC Rating



Thermal Modification



NC 125 x 20 H PATINA



There are so many great reasons to choose Vulcan Hector



Secret fix system

See installation instructions.



Thermally modified

sustainable and durable product.



FSC certified

and free from chemical preservatives.



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 3.6, 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

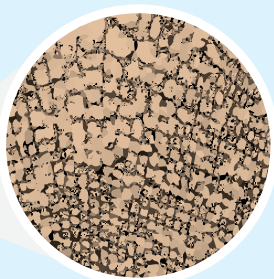
Thermally modified wood products like Urbanline's Vulcan Hector cladding represent a new type of innovatively engineered timber that's long-lasting, maintenance-free and easy to install.

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.

NC 125 x 20 H WALNUT



The process

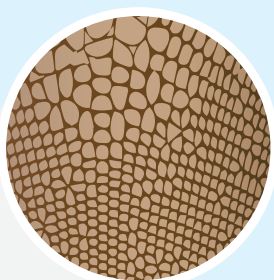


Before kiln drying

Water and other extractives are contained within the cell walls.

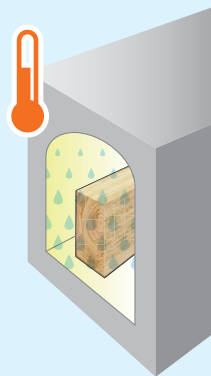
After kiln drying

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



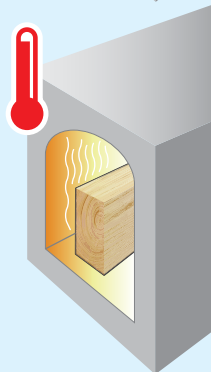
After thermal modification

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



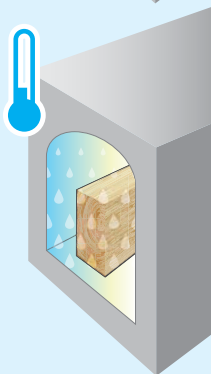
Phase 1:

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



MBEG 176 x 32 SO

Sandstone Point Hotel, Queensland: Timber ages with surrounds

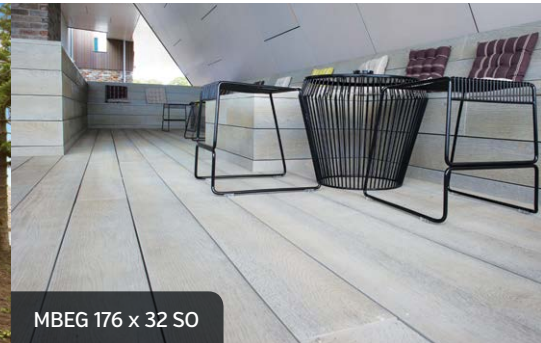
Location Bribie Island
Builder Comiskey Group



NC 125 x 20 H



NC 125 x 20 H



MBEG 176 x 32 SO

Inspired by Nature

Opened in mid-2015, the Sandstone Point Hotel is a stunning development located on the waterfront of the Pumicestone Passage. Architect Kon Panagopoulos from KP Architects explains that cladding cues came from the site's coastal location and the silvery old timber jetty extending into Pumicestone Passage at the edge of site. "We wanted an external cladding material that would patina gracefully over time," he said.

Silver Timber Tones

After considerable research, KP Architects found a timber product that perfectly met the brief: Urbanline's Vulcan Hector Cladding. Kon outlines the appeal: "The thermally modified plantation cladding, engineered with a patented vertical grain construction, was chemically treated to achieve the silver grey tone but with the advantage of being maintenance-free. Being pine, it was also very easy to handle during installation."

Inside & Out

Various Urbanline products were used for internal walls and ceilings, and for outdoor furniture, selected for their 'weathered' look, low-maintenance appeal and long-lasting durability in a harsh coastal environment. The final word goes to the architect: "The end result has been incredibly rewarding and we look forward to many years enjoying the building as it grows old alongside its environment," Kon said.



“The timber of the jetty had a wonderful silvery tone and we wanted to capture this in the building’s form.”



Further product information and downloads for Vulcan Hector 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

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