



TIMBACLAD

Natural Timber Look, Durable Steel Base



ARCHITECTURAL
PANEL SYSTEMS
— **AUSTRALIA** —

PRODUCT OVERVIEW

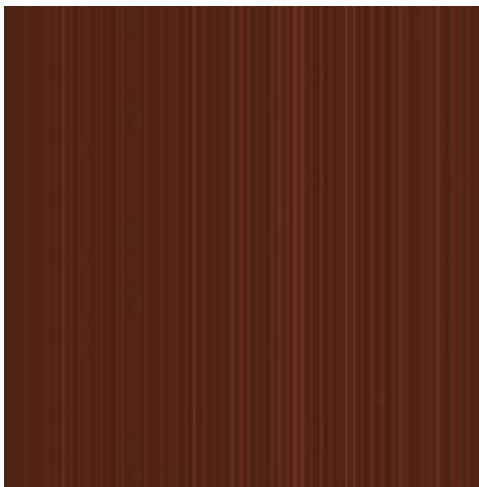
Architectural Panel Systems Timbaclad Panel is a unique metal cladding system, ideal for use on any project that aims to achieve the natural look, feel, warmth and texture of timber cladding, without the downfalls of using real timber.

The concealed fixing method, distinctive express joint, along with the smart choice of a steel base provides an aesthetic appeal which is strong, durable and designed to withstand the harsh Australian climate.

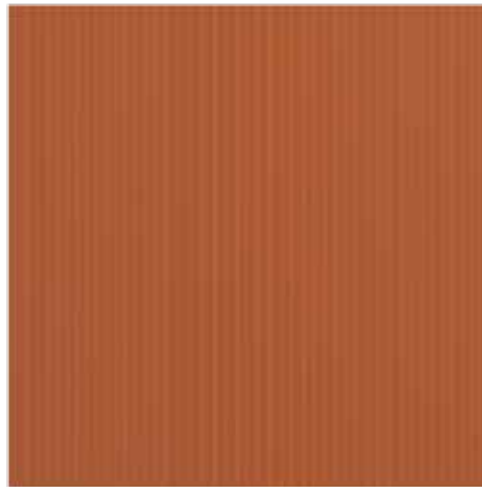
Timber is a timeless and classic material, which blends naturally into all environments, but ongoing maintenance, fading, splitting, and premature aging tends to find people looking for alternative finishes. When deciding on a timber finish for your next project, consider using Timbaclad and keep the warmth and natural feel, while reaping the practical benefits of a steel based product.

Available in our signature range of finishes, which includes Mild Mahogany, Natural Jarrah & Native Cherry.

All colours represented are to be used as a guide only, please contact Architectural Panel Systems for Timbaclad samples



Mild Mahogany



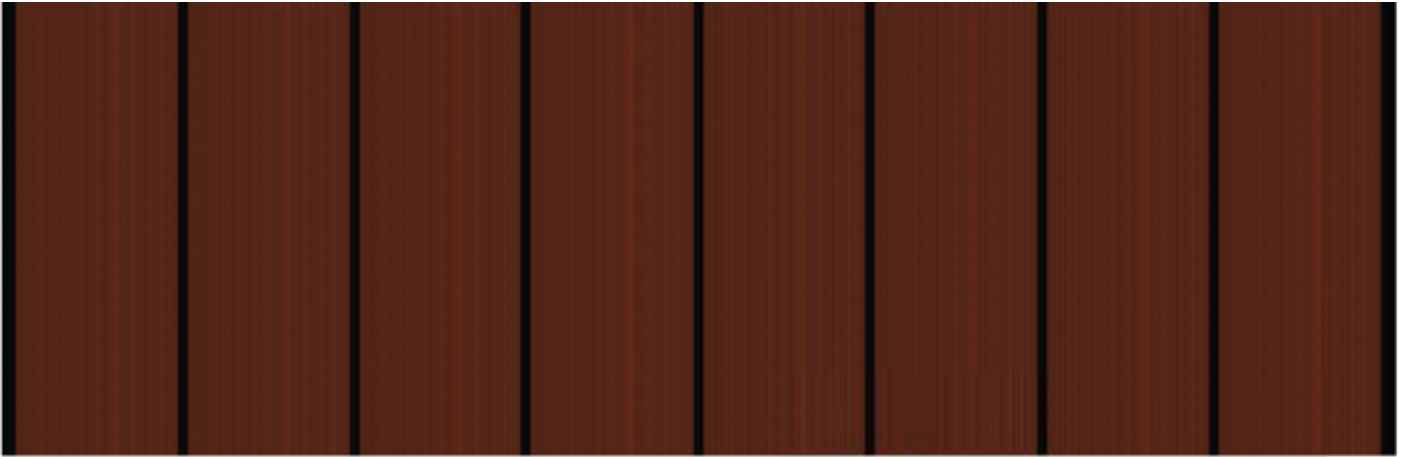
Natural Jarrah



Native Cherry



PRODUCT OVERVIEW



LOW MAINTENANCE

The benefit of using Timbaclad Panel over timber is the low maintenance factor. At most, maintenance of the Timbaclad Panel will require an occasional wash down to keep your facade looking great. Wash down is not a necessity, but an option for the property owner.

ENERGY EFFICIENT - TIMBACLAD ULTRA

Timbaclad Panels are also available in our Timbaclad Ultra finish, which includes a 20mm styrofoam backing, installed to the rear hollow section of the panel. Whilst providing additional strength to the panel, its primary benefit is to assist in the reduction of heat entering and exiting your property.



TIME & COST EFFECTIVE

Timbaclad panels are lightweight and available in continuous long length sheets. These factors and the ease of installation allows for quick cover of large areas which assists in keeping time, labour and costs to a minimum.

STRONG & DURABLE

Timbaclad panels are manufactured on a strong and durable, corrosion resistant steel substrate, specifically designed to withstand the harsh Australian climate.

The top paint coat applied to the steel base, which achieves the timber finish, allows for long lasting protection and minimises any possibilities of paint chipping, flaking or blistering in normal weather conditions.

Timbaclad panels are also made from a non-combustible base metal.

CHARACTERISTICS

- » Concealed fix cladding system
- » Attractive recessed or express joint system
- » Continuous flush surface finish
- » Modern, clean look

BENEFITS

- » Low maintenance
- » Cost effective
- » Ease of installation via "tongue & groove" system
- » Allows for natural ventilation to the building
- » 100% recyclable
- » Versatile and lightweight
- » Durability of steel
- » Moisture resistant finish
- » Unaffected by termites and insects
- » Suited for Australia's harsh climate
- » No sealing or top coating required

DESIGN AND SPECIFICATION

Timbaclad is available in 3 unique finishes, Mild Mahogany, Natural Jarrah and Native Cherry, all stocked and readily available at all times.

These colours reflect the natural finishes and grains of timber, giving the client multiple choices to suit their requirements.

- » Vertical, horizontal and diagonal laying of panels
- » Fully customised express joint width
- » Endless possibilities for implementing design ideas
- » Unlimited design scope for panel widths
- » Colour matched accessories & flashing
- » Custom colours and orders available

AREAS OF APPLICATION

- » Wall Cladding and facades
- » Interior and exterior applications
- » Soffit linings
- » Underdecking
- » Privacy screening
- » Fencing
- » Louvres
- » Balustrading
- » Architectural metalwork
- » Shop fitouts
- » Garage doors

USES

- » Commercial
- » Residential
- » Industrial
- » New Buildings
- » Renovations



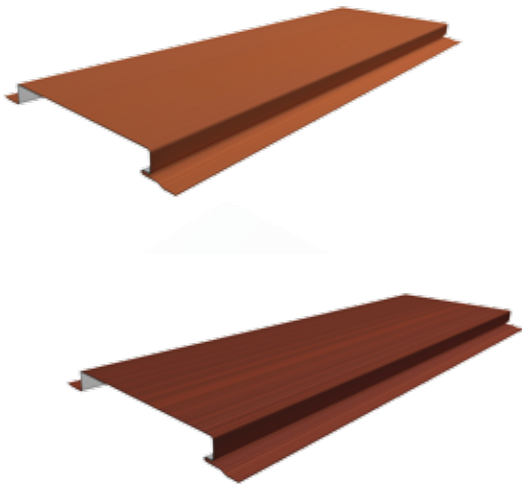
GENERAL INSTALLATION

Timbaclad is a proprietary system which when installed creates a naturally ventilated airspace behind the panel.

The installation process involves laying our Timbaclad panels on a metal or timber substructure in the form of a top hat or batten.

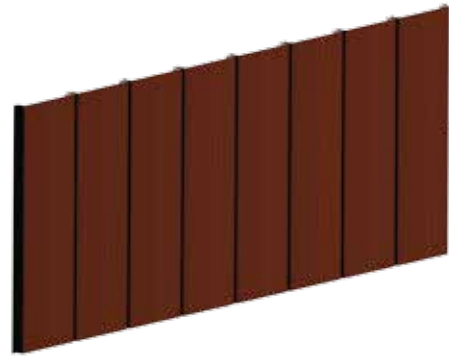
The Timbaclad panels are fastened directly to the supporting structure using manufacturer approved fasteners, resulting in a fully concealed fixing method. Timbaclad panels are installed using a tongue and groove system creating a stunning expressed joint finish to the facade.

We recommend installing a breathable vapour barrier membrane behind the top hat substructure to act as a secondary water shield, while also allowing the building to breathe simultaneously.



VERTICAL INSTALLATION

For walls between 60 - 90 degrees, a waterproof membrane must be installed behind the ventilation space.



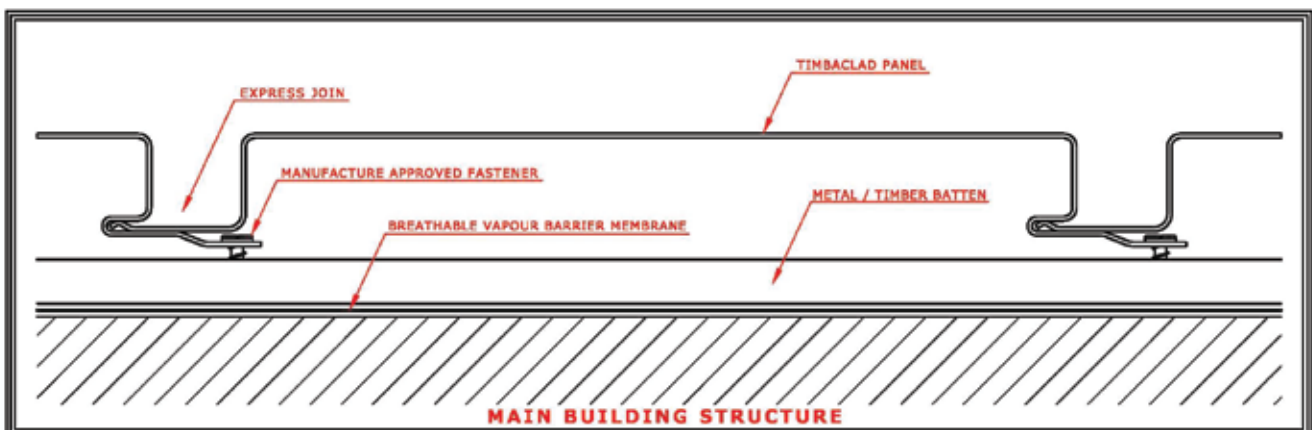
HORIZONTAL INSTALLATION

All panels are required to be installed beginning from the top, working down towards the bottom of the project. The male side of the panel will be required to be facing up at all times.



CURVED INSTALLATION

Curved walls can only be achieved by using a vertical installation.



PANEL SPECIFICATIONS

Pan Width: 185mm and 265mm Standard.

Custom panel widths are available upon request

Length: Cut To Length

Express Joint: Range between 5-20mm.

Overall Depth: 24mm

Batten Spacing: 600mm Centres.

In high wind or major stress areas, batten spacing may need to be reduced

Base Metal Thickness: 0.55mm Steel

Weight Per M2: 6.5 kgs

Weight is based on average panel sizes as a guide only, does not include substructure

Screws Per M2: 6 - 8

Screw requirements depend on final batten spacing & panel width chosen

TIMBAKLAD ULTRA

Timbaclad Panels are also available in our Timbaclad Ultra finish, which includes a 20mm styrofoam backing, installed to the rear hollow section of the panel. Whilst providing additional strength to the panel, its primary benefit is to assist in the reduction of heat entering and exiting your property.



FIXING REQUIREMENTS

All panels should be fixed directly through the female side of the panel, in the lower section, with a manufacturer approved fixing screw, to ensure the following panel does not foul when being installed. A small slot or punch should be inserted into the panel before fastening the screw to allow for expansion and contraction in particular instances.

SUBSTRUCTURE

The top hat substructure for Timbaclad panels is generally either a 0.42mm or 1.15mm thick galvanised steel finish, subject to engineering requirements. Top hats are to be fixed at 600mm centres for standard installation, but may be required to be closer subject to required wind loading and stress.

Top hat battens are to be installed running perpendicular to the facade express joint line.

The distance between top hat battens may be reduced to as little as 450mm in circumstances that may incur major stress due to wind load and suction on particular projects.

PANEL LENGTH:

Panels are available up to any length required, subject to material selection. We recommend contacting Architectural Panel Systems for further information on material selection and maximum panel lengths for your project, as all materials will react differently depending on the length supplied.

FLASHING

All associated flashings are available directly through Architectural Panel Systems. We recommend all installers to use the traditional concealed fixing method with all flashings to provide a high quality finish. The concealed fix method also allows for thermal expansion and contraction.

PANEL FINISHING

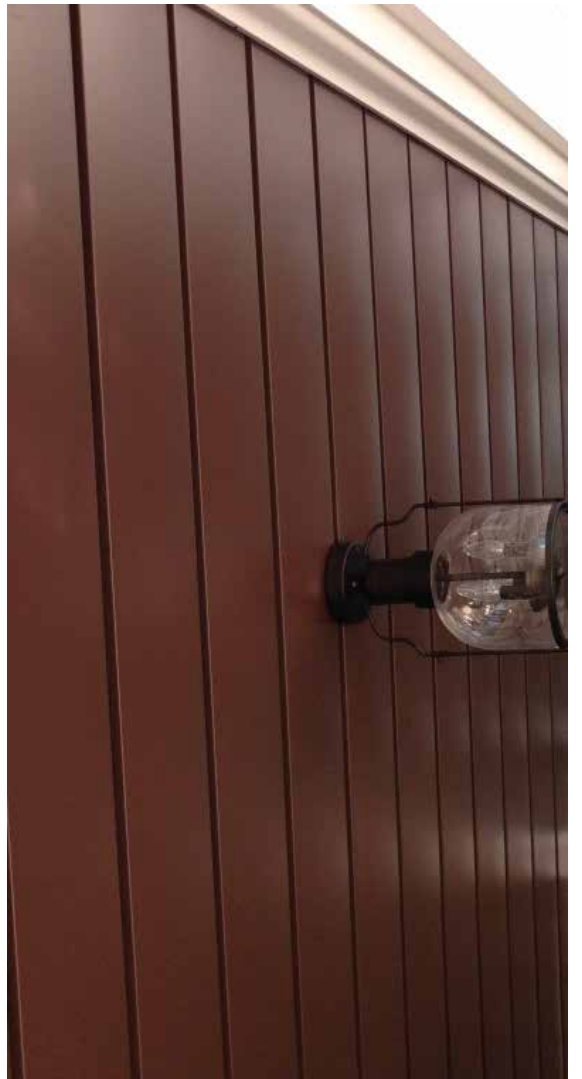
Architectural Panel Systems recommends all panels are installed and supplied with a termination at the top and bottom of the panel for all applications.

This will stiffen the panel face, remove any oil canning, prevent debris, cobwebs etc from nesting behind the panels and also provide a much cleaner finish on all panels.

WARRANTY

For information on warranties for your specific project, please contact Architectural Panel Systems.

GALLERY





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