

Hardwood Cladding

Elements

cladding.
the natural
choice



The unique properties of Australian hardwood timber have contributed to design freedom that architects value for its flexibility, natural texture and timeless character.

Australian Hardwood Cladding

These same qualities have led to a resurgence in demand for Australian Hardwood, reinterpreted as a contemporary cladding material in commercial and residential architectural designs.

Their natural warmth, aesthetic appeal and durability makes Auswest Timbers' range of hardwood timbers a superb decorative cladding material, either as a whole-of-house solution or as part of composite facade design.

Auswest Timber claddings are also optionally available in a range of factory-applied finishes, eliminating the need for onsite finishing. These finishes thoroughly coat all surfaces, enhancing the look, natural durability and stability of every board.

Auswest Timbers' Australian Hardwood cladding allows a building to sit comfortably in any environment.





A natural choice

Naturally beautiful, Australian Hardwood cladding is at one with our environment, sitting comfortably with both the natural and built environments.

Design freedom

Timber cladding gives architects and designers the freedom to build in character, colour and texture that is often lacking in conventional cladding systems such as fibre-cement.

Durability

Australian Hardwood cladding has a proven track record of durability, with a life span unmatched by softwoods.

Environmental choice

Australian hardwoods are sustainably grown to internationally recognised forestry standards, such as FSC controlled wood and PEFC.

Low embodied energy

The embodied energy level of timber cladding is among the lowest of all cladding materials. Carbon that is stored in wood stays there, even when the wood is harvested.

(Source: yourhome.gov.au/materials/cladding-systems)

Natural finishes

Australian Hardwood cladding lends itself to a range of finishes, both natural oils and stains. Auswest Timbers' Blonde cladding range in particular is an ideal candidate for a range of stain colours.

Pre-finishing

Auswest Timbers' Australian Hardwood cladding range is now optionally available primed or pre-finished in a range of popular coatings from the Feast Watson and Intergrain ranges* that protect the natural beauty of the timber.

Bushfire resistance

Specific cladding timbers have a high inherent resistance to fire. All species used meet the requirements for BAL 12.5 and 19. Some of the species available will also meet the requirements of the BAL 29 (Silvertop all applications).

*Feast Watson & Intergrain are trademarks of DuluxGroup Limited.

The background of the image consists of vertical wooden planks. From left to right, the planks are a dark brown, a medium brown, a light brown, and a very light brown. The wood grain is visible on each plank.

The colours of Australia



Australian Hardwood Timber comes in a huge range of species, each with its own unique blend of colour. What adds to timber's unique character is the natural variation within the same timber species.

With such a beautiful palette to choose from, there is always a colour and finish available to suit your style, look and design. When considering a timber colour, a great place to start is asking what look you are trying to achieve and select the right base timber and finish to suit.

Auswest's Hardwood Cladding Elements come in two general colourways – red and blonde. The natural colouring of both timber variants is superb, or they can be pre-finished to personal preference.

Blonde timber is also seen as a neutral colour, highly appealing for its simplicity, and the way it complements almost any other material or finish. Blonde is well suited as a base colour, ideal for a wider range of pre-finished colours.

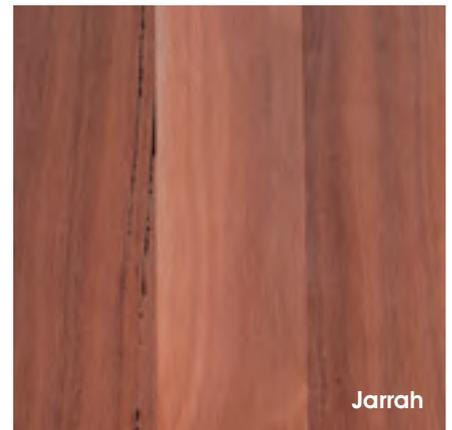
The red tones are naturally deeper and make a statement, providing a striking bold look. Red works well in both contemporary and traditional applications when a deeper tone is required.

Timber is a natural product and colours will vary between boards, all images are indicative of the possible results only. Colour reproduction can vary when viewing colours on a screen.

Blonde



Red



Natural uncoated timbers

Australian Chestnut

Characterised by subtle colour variations from mellow straw brown to light chocolates. It is rich in detail and the sometimes interlocking and straight grains result in beautifully defined feature rings.

Wormy Chestnut

Whilst the colours vary from mellow straw brown to light chocolates, no two pieces are ever the same. Deep red gum veins formed by fire, ambrosia beetle marks, pin holes and squiggly worm marks provide a rich and appealing character.

Silvertop Ash

With a medium texture and colours ranging from an attractive beige to brown with the occasional pink hue. Silvertop Ash is often recognisable by the common occurrence of tight gum veins, the marking of pinhole borers and pencil streaks.

Mixed Chestnuts

(Silverback - rough sawn one face)

The rough sawn weathered look makes for an interesting rusticated effect, with colours varying from gold to black and tan. Produced from logs that are neither perfectly round nor straight, each radially sawn board expresses the longitudinal shape of the log. Dressed on the alternate face to give the option of an interesting textural juxtaposition if being sequenced.

Karri

Karri is a lustrous timber known for its distinctive red-brown heartwood, which is typically lighter in colour than Jarrah. The grain of the timber can be both lightly interlocked or straight, with a coarse texture.

Jarrah

Renowned for its rich red colours that deepen over time, reflecting its Western Australian landscape, colours typically range from deep browns to burgundy hues. The timber is moderately coarse with an even-textured grain, although some interlocked, wavy grain feature, can create an interesting fiddle-back.

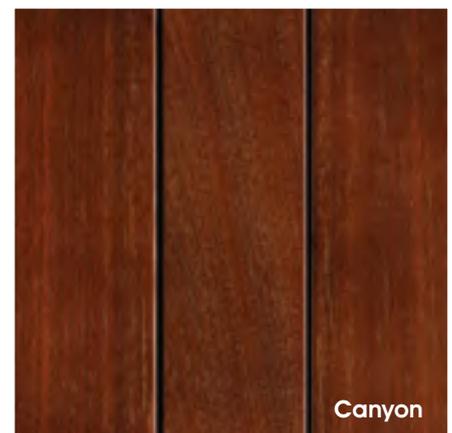
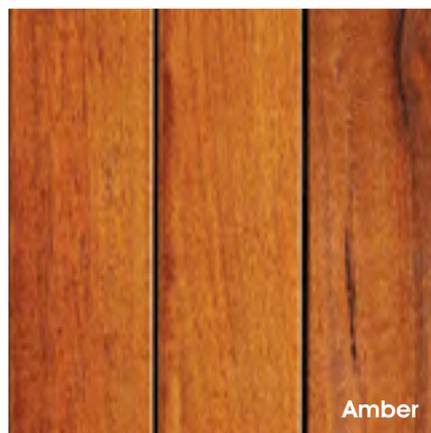
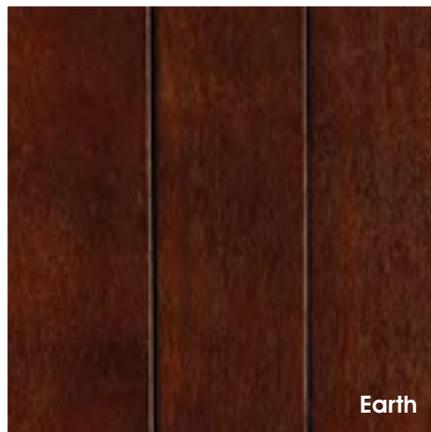
Pre-finishing

As well as being available in natural unfinished form, Australian Hardwood cladding boards are also available oiled or pre-finished in popular stains from the Feast Watson and Intergrain ranges.

Pre-finishing thoroughly coats all sides of the board, enhancing the natural beauty, durability and stability of the timber. These factory-applied processes eliminate the need for on site preparation, reducing site time and increasing efficiency.

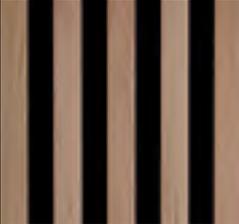
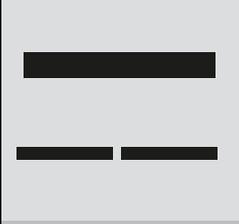
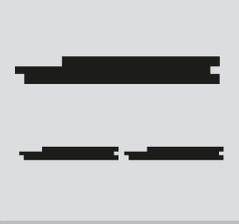
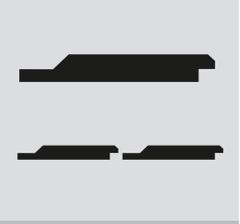
Their low-sheen finishes are durable and easy to clean. Future maintenance is straightforward – subsequent coats can usually be applied without complicated preparation or sanding.

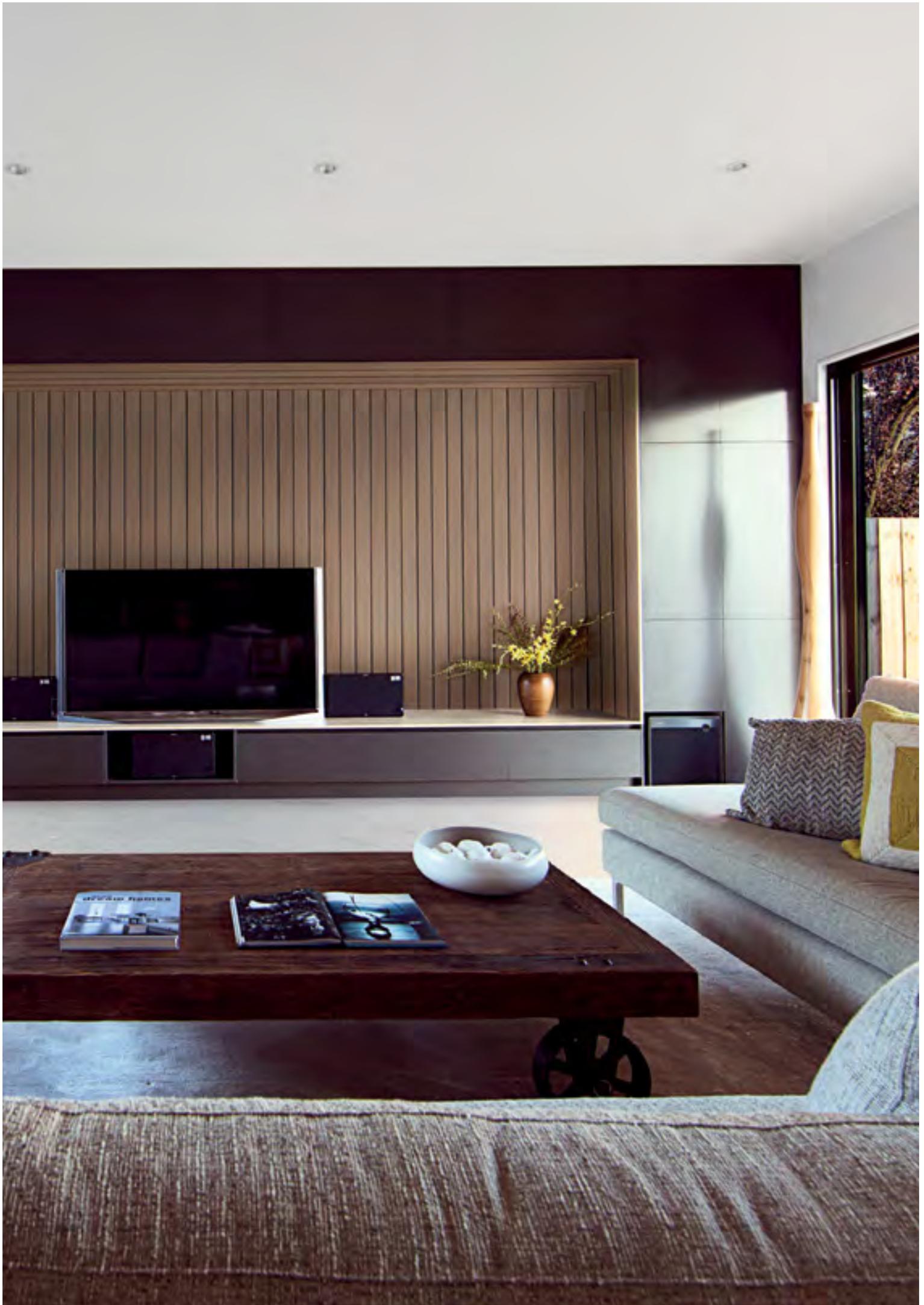
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Technical information

	Batten	Shadowline	Slimline	Chamfered	Silverback
Timber Sample					
Profile					
Application Area	Exterior Interior	Exterior Interior	Exterior Interior	Exterior Interior	Interior
Species	1 - Mixed Australian Chestnut 2 - Jarrah 3 - Karri 4 - Silvertop Ash				1 - Mixed Australian Chestnut
Size and Cover (mm) common sizes listed; others on enquiry.	Common Sizes • 19x42/42x19 • 19x16/60x19 • 32x60/60x32 • 42x60/60x42	Size Cover 1,3,4 135x19 119 2 126x18 110	Size Cover 1,4 90x19 74 2,3 80x18 64	Size Cover 1,4 135x19 119	Size Cover 90x13 90 Square Dressed 95x13 Rebated
Lengths	• Random Lengths • Set Length/finger-jointed set length by enquiry				Random Lengths
Durability and Class AS 5604 - above ground	1 : Class 3 2 - 4 : Class 2				
BAL rating	1 - 3 : BAL 19 4 : BAL 29				
Sustainability	Chain of Custody - upon request: 1, 2 & 4 - AFS/PEFC 3 - FSC Controlled Wood				



Specifications and installation

Timber is hygroscopic

Timber commonly responds to its environment including changes in temperature and humidity. It will take on and release moisture (expand/contract) over its service life.

To minimise the effects of movement:

- Movement should be allowed for in design, including consideration of the orientation to prevailing weather conditions and direction of the sun. Boards should be free to shrink and swell individually by installing with a 3-5mm gap in an external application.
- Flashing, comprising of timber or other materials, must be used at corners, vertical joints and around openings. It's also essential for ensuring that water is prevented from penetrating the wall frame cavity.
- Timber cladding must be kept dry and clean from the time it is received on the building site until it is fixed and finished.
- Pre-oil/seal the board on all sides prior to installation to improve dimensional stability.
- As the end grain of timber is particularly porous, the ends of each board must be effectively sealed, prior to installation to prevent moisture absorption.
- Overtime maintain the timber to minimise risk associated with excessive movement, such as checking, cracking and pre-mature failure.
- The frequency of maintenance will depend on the type of finish and the degree of exposure to the weather. Refer to and follow the instructions given by the coating manufacturer.

Sarking

When fitting timber cladding it is strongly recommended to use a vapour permeable sarking on the outside of studs to avoid water pooling and lodging within the frame. In walls subject to high wind conditions and where boarding is fixed diagonally or vertically - sarking is considered essential.

Sarking must be impermeable to liquid moisture yet still allow the free flow of water vapour from the back surface of the cladding.

Tannin bleed

Most timbers contain water-soluble extractives which provide natural colour and some decay resistance. Discolouration may occur from these water-soluble extractives to the surface of the timber as moisture leaves.

To decrease the likelihood of tannin bleed:

- Use seasoned timber in external exposed settings and apply a protective coating to all surfaces (including any freshly cut ends).
- Fixings must be well galvanised or stainless steel to prevent staining from iron when in contact with rain/moisture.
- Avoid using any tools which may deposit fine iron filings on the timber surface.



Fixing

(Subject to the requirements of the Building Code and Australian Standards).

Recommend spacing of studs or fixing battens is at 450mm centres.

Each board should be fixed at each stud or batten with two nails or screws to the face. Face fix nails should be a minimum 50mm ring shank or twist shank.

To prevent splitting, nails should be kept a minimum of 12mm from edges and ends, and drilled nail and screw holes should be 80% of the fixing diameter.

Extra care should be taken where nailing guns are used to ensure that all components are suitable for the cladding being fastened for example nails are not driven too deeply or excess pressure that distorts the board.

Flashing must be used at corners, vertical joints and around openings.

Grooved cladding that is fixed horizontally or diagonally must always be positioned facing down to reduce the ingress of windblown water. Vertically installed tongue and grooved or lapped cladding, should face joints away from prevailing incoming weather.



About Auswest Timbers

Auswest Timbers is Australia's foremost producer and marketer of hardwoods from sustainably managed forests in Western Australia and Victoria.

These high-quality, durable, character-filled timbers are valued in Australia and across the world for applications as diverse as furniture, joinery, cladding, flooring, decking and engineered structures.

Auswest Timbers has processing operations in the heart of Western Australia's Jarrah and Karri stands, and in the eucalypt forests of south-eastern Victoria. It also processes plantation-grown radiata pine as roof tile battens in the ACT.

All Auswest Timbers' products are grown and processed in Australia. Hardwood sawlogs are sourced from the WA Forest Products Commission and VicForests, the state government authorities responsible for the sustainable harvesting and regeneration of public forests, operating under nationally and internationally recognised forestry certification programs.

Chain of Custody certification is available on request. The company does not import or market imported timbers.

Auswest Timbers is a division of Brickworks Building Products, one of Australia's most diversified and respected building materials manufacturers.





✓ Austral Masonry®



^ Bristile Roofing™



^ Terraçade



^ Austral Bricks®



^ Auswest Timbers®

Brickworks Building Products Group of Companies

BRICKWORKS

Brickworks Building Products is one of Australia's largest and most diverse building material manufacturers. Under the Brickworks Building Products umbrella are some of Australia's best known building materials brands. Our products include bricks, pavers, masonry blocks, retaining wall systems, precast concrete panels, concrete and terracotta roof tiles, timber products and specialised façade systems.

australmasonry

Austral Masonry is a leading manufacturer and supplier of concrete masonry products focused on providing functional but stylish solutions to the civil, residential, commercial and industrial building and construction markets. Our range of products includes standard grey concrete blocks, coloured architectural concrete blocks with a range of different finishes and a comprehensive range of retaining walls, pavers and garden edging.

australbricks

Founded in 1908, Austral Bricks is Australia's largest, best-known and most efficient clay brick and paver manufacturer.

Austral Bricks add distinct style to any type of home. Their natural colours and textures enable you to create striking façade contrasts or more traditional neutral colour tones. By investing in new technology Austral Bricks now produce bricks with a variety of surface finishes, exciting colours and different sizes.



BOWRAL BRICKS

The unique combination of traditional craftsmanship and modern technology will ensure that the Bowral Bricks brand will remain the benchmark for brick excellence for many years to come.

australprecast

In just a few years, Austral Precast has become Australia's premier supplier of high-quality, innovative and customisable precast concrete product solutions. Using state-of-the-art technology, production techniques and systems, our precast division produces a diversified range of wall, floor, column, and client specific precast solutions.

bristileroofting

For almost a century, Bristile Roofing has delivered stylish and innovative roofing products for Australian homes. Bristile is now one of Australia's largest manufacturers and installers of quality roof tiles and the exclusive Australian distributor of La Escandella premium quality clay roof tiles from Spain.

nubrik

With a heritage reaching back to 1862, Nubrik premium-quality bricks are still moulded the traditional way on century-old presses. Their time-honoured expression of authenticity and elegance is acknowledged by architects, builders and discerning homebuyers who also value their rich colour blends, solidity and crisply defined edges.



Since 1853, Daniel Robertson has helped build Australia with building products that combine craftsmanship with architectural excellence. In a world where qualities are constantly compromised, Daniel Robertson premium-quality clay bricks are highly prized for their unique character, earthy appeal and individual charm.

auswesttimbers

From production facilities in Western Australia, Victoria and the ACT, Auswest Timbers manufactures a diverse range of timber products. Jarrah, karri and chestnut timbers are processed into a range of decorative, seasoned products for furniture and joinery, flooring, decking, staircase components, veneers and fence screening.

terraçade

Façade systems are a cost-and time-efficient approach to cladding commercial and upscale residential buildings. The Terraçade™ system, developed in Australia by Brickworks Building Products, combines the visual appeal and colourfastness of terracotta with the low maintenance and functional efficiency demanded in today's competitive market.

Pronto Panel™

FASTER. BETTER. STRONGER.

Pronto Panel is a non-load bearing panel system that can be used both internally and externally. Pronto Panel's durable, lightweight and simplistic nature makes it perfectly suitable for both residential and commercial applications.

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The range of building products from
BRICKWORKS
BUILDING PRODUCTS



The product images in our brochures give a general indication of colour for your preliminary selection. We also recommend you view current product samples before making your final decision.