MAGNA MERBAU

THE MULTI PURPOSE DURABLE HARDWOOD

AUS_TIM

SUSTAINABLE TIMBER SOLUTIONS

MAGNA MERBAU CLADDING

Strong, Attractive and Economical

Magna Merbau cladding is a great way to dress up the external facade of a house. Strong and durable, it is naturally resistant to termites and has Class 1 Natural Durability above ground according to AS5604-2005. Austim can offer a range of profiles and finishes in this range of cladding. This is a great alternative to Jarrah.

For convenience and time savings on-site we can also offer factory coating.

Bal Rating

Merbau (also known as Kwila) is one of seven timbers classed by AS3959 -2018 as a bushfire resisting timber. Merbau can be used as an external wall cladding where the site is classed up to Bal-29 with no design limitations.

COVER SIZE	PROFILES	FINISH
118 x 19mm - Approx 8.5 lineal meters to the sqm	Sierra / Sierra XS -50	Smooth / Bandsawn Machine Brushed

MAGNA KILN DRIED SOLID SECTION

Reliable, Consistent and Functional

Merbau's natural properties lend itself to making great joinery, its high level of natural durability, extreme stability and attractive colour combine to make Merbau a perfect choice when it comes to internal or external joinery and general woodwork.

STOCK SIZE (mm)	LENGTH (m)	STOCK SIZE (mm)	LENGTH (m)
42 x 19	2.4 / 3.6	100 x 38	Random 1.8 - 5.7
42 x 32	2.4 / 3.6	150 x 38	Random 1.8 - 5.7
70 x 32	2.4 / 3.6	200 x 38	Random 1.8 - 5.7
90 x 32	2.4 / 3.6	100 x 47	Random 1.8 - 5.7
42 x 42	3.6	125 x 47	Random 1.8 - 5.7
70 x 42	3.6	150 x 47	Random 1.8 - 5.7
90 x 42	3.6	200 x 47	Random 1.8 - 5.7
150 x 25	Random 1.8 - 5.7	290 x 45	Random 1.8 - 5.7
200 x 25	Random 1.8 - 5.7		

MAGNA GLULAM POSTS

Tough, Durable and Dependable

Magna posts are ideal for structures where the beauty of the rich red/brown hardwood is to be expressed or to match Merbau decking, beams or handrails. Magna posts can be used in fully exposed environmental conditions including bushfire prone areas.

SIZE (mm)	LENGTH (m)	GL RATING	FINISH
95 x 95	2.4 / 3.0 / 3.6 / 6.0	GL 17	Dressed all faces with 3mm pencil round edges
120 x 120		GL 17	
140 x 140		GL 13	
190 x 190		GL 13	

MAGNA DECKING

Hardwearing, Stable and Beautiful

Merbau decking is arguably the most durable, and stable timber species available for decking applications thanks to its low level of movement when subject to changes in moisture levels (the major cause of timber decking problems).

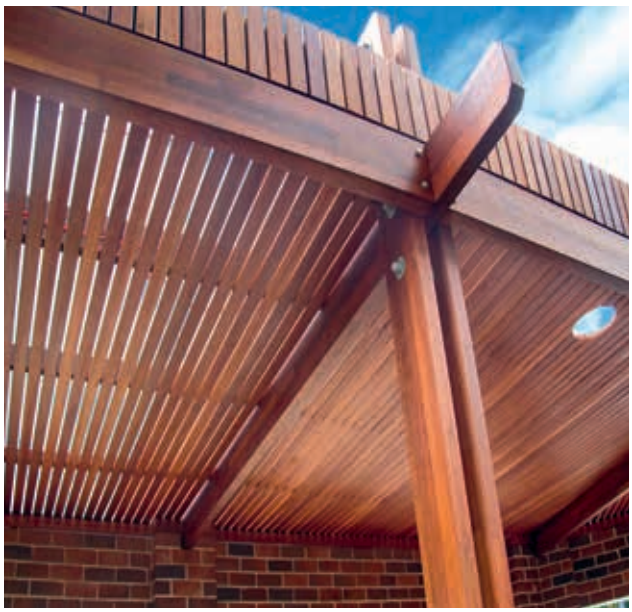
Commercial sizing for jetty applications like 190 x 42mm available to order.

SIZE (mm)	LENGTH (m)	FINISH
90 x 19 - Solid	1.8 - 5.4 Random / Set	Solid, Smooth 2 faces
140 x 19 - Solid	1.8 - 5.4 Random / Set	
140 x 21 - Solid	1.8 - 5.4 Random	

MAGNA GLULAM BEAMS

Strong, Attractive and Economical

Magna Merbau beams are a great alternative to solid timber or steel beams. They are engineered to out-perform, stay straight, available in long lengths and are easy to install and work with.

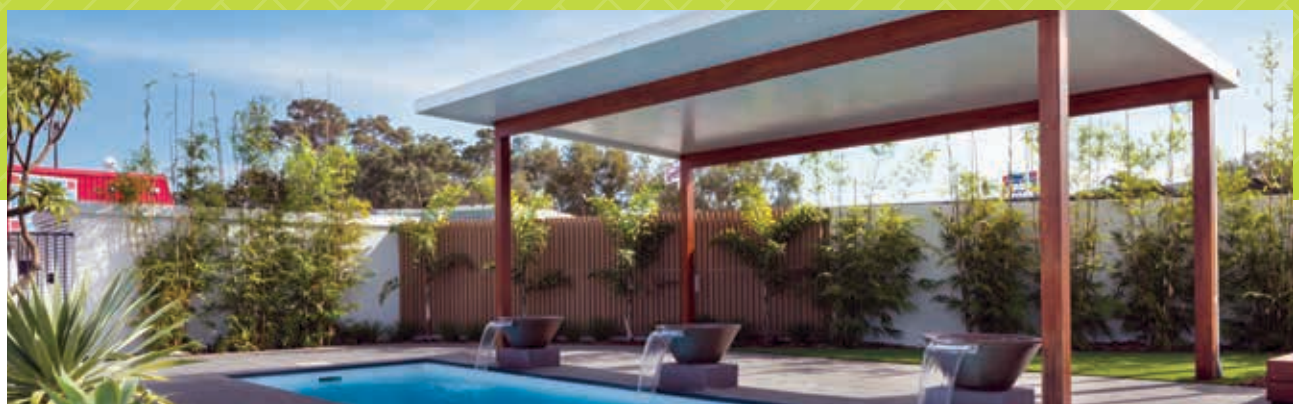


SIZE (mm)	LENGTH (m)	GL RATING	FINISH
90 x 42	4.8 / 6.0	GL 17	Dressed all faces with 3mm pencil round edges
120 x 42	3.6 / 4.8 / 6.0		
140 x 42	3.6 / 4.8 / 6.0		
190 x 42	3.6 / 4.8 / 6.0 / 7.2		
240 x 42	3.6 / 4.8 / 6.0 / 7.2		
290 x 42	3.6 / 4.8 / 6.0 / 7.2		
190 x 65	4.8 / 6.0 / 7.2		
240 x 65	4.8 / 6.0 / 7.2		
265 x 65	4.8 / 6.0 / 7.2		
290 x 65	4.8 / 6.0 / 7.2		
330 x 65	6.0 / 7.8		
290 x 80	6.0 / 7.8		
330 x 80	6.0 / 7.8		

MAGNA GLULAM PROPERTIES

Timber Species	Merbau (also known as Kwila), Intsia bijuga
Origin	Indonesia
Moisture Level	Kiln dried to 12-16%
Standard	Manufactured to Australian Standard, AS/NZS 1328
Warranty	15 year manufacturers warranty
Grade	A Grade appearance suitable for clear finishing
Durability	Natural durability class 1 above ground (40+ year life) as per AS 5604
Service Class	Suitable for class 3 (fully exposed situations)
Fire Resistance	Bushfire Resisting Timber as per AS 3959
Termite Resistance	Naturally resistant to termite attack
Span Tables	Engineer certified tables available at austim.com.au

Other sizes available to special order.



DETAILING AND INSTALLATION TIPS

- Magna Glulams come with a clean dressed appearance, care should be taken with handling and on-site storage to prevent unwanted damage.
- Good joint detailing is important for optimum long term performance.
- Ensure joints have adequate drainage and or ventilation to prevent moisture being trapped.
- Use good quality stainless steel or hot dipped galvanised fasteners.
- Keep horizontal surfaces to a minimum in favour of self-draining vertical surfaces.
- Consider the use of cappings and drip edges to protect end grain.
- Damp proof membranes should be used where beams are in contact with masonry surfaces.
- Coat all round prior to installation paying particular attention to the end grain and any concealed joints. A further two coats following installation is recommended along with a regular inspection program to identify when re-coating is required.
- In exposed situations a finish with some UV inhibitors is recommended for longevity.
- Note Merbau is prone to tannin bleed when in contact with water, we recommend it be kept dry at all times prior to coating with a good quality oil or paint, once coated any bleed will be greatly reduced.
- GL13 and GL17 products are not considered suitable for extreme weather areas such as ski resorts or dry desert areas.

CertiStruct22 - UNSEASONED SOLID SECTION

Larger section sizes suitable for heavy duty applications like boardwalks and jetties. These larger section sizes cannot be kiln dried, therefore they are termed "unseasoned". This product is still presented as dressed and pencil round so looks great. Slowly over time they will release moisture and acclimatise but due to the properties of Merbau they exhibit low levels of shrinkage or distortion.

SIZE (mm)	LENGTH (m)	FINISH
90 x 90	Enquire	Dressed all faces with 3mm pencil round edges
150 x 150		
200 x 200		
200 x 100		
300 x 150		

Plus others sizes on request - Structurally rated at F22.

MAGNA MERBAU SUSTAINABILITY

All our Merbau comes from the same reliable supply source. This is a Chain of Custody Certified 100% FSC® Product with all materials sourced from responsibly managed forests that meet high environmental, social, and economic standards.

Verified by the Forest Stewardship Council, these products ensure zero deforestation, protect biodiversity, and respect indigenous rights.

FSC
www.fsc.org
FSC® C008096
The mark of responsible forestry

ABOUT MAGNA MERBAU

WE MAKE YOUR TIMBER
SELECTION EASY!

Magna Merbau offers an attractive and functional solution for applications such as weatherboard cladding, decking and pergola construction at both residential and commercial levels.

Whether you are looking to retain the beauty of its natural warm timber tones or simply let nature take control for weathering to a popular silver patina look Magna Merbau provides a durable and economical option.

With proven performance in the wider Australian market over many years through a diverse range of applications, Magna Merbau is recognized as the leading imported hardwood solution for todays ever changing and demanding construction industry.

At Austim we consider it critical that our products meet the strictest sustainability measures, Magna Merbau meets this high threshold as it is sourced from 100% FSC certified forest and importantly Austim hold "chain of custody" certification.

For additional peace of mind Magna Merbau Laminated Glulam Beams are manufactured in accordance with AS/NZS 1328 with further verification provided via their GLTAA (Glue Laminated Timber Association of Australia) membership which requires regular independent auditing. These products are guaranteed to perform as designed.

AUS_TIM
SUSTAINABLE TIMBER SOLUTIONS

252 Gnangara Rd, Landsdale WA 6065
P 08 6558 1266 | **E** sales@austim.com.au

austim.com.au