

# MAGNA MERBAU

## PRODUCT SELECTOR



# 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

95x95mm  
120x120mm  
140x140mm  
190x190mm

### LENGTH m

2.4,3.0,3.6,6.0  
2.4,3.0,3.6,6.0  
2.4,3.0,3.6,6.0  
2.4,3.0,3.6,6.0

### GL RATING

GL 17  
GL 17  
GL 13  
GL 13

### FINISH

Dressed all faces with 3mm pencil round edges

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# MAGNA DECKING

## Hardwearing, Stable and Beautiful

Merbau decking is arguably the most durable, and stable timber specie 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)



### SIZE

90x19mm Solid  
90x19mm Engineered  
140x19mm Solid

### LENGTH m

1.8 – 5.4 Random  
5.7 Set Length  
1.8 – 5.4 Random

### FINISH

Solid, Reeded 1 face  
Finger Jointed, Reeded 1 face  
Solid, Reeded 1 face

# MAGNA GLULAM BEAMS



SIZE	LENGTH m
90x42mm	2.4,2.7,3.0,6.0
120x42mm	2.4,2.7,3.0,5.4
140x42mm	2.4,2.7,4.2,5.4
190x42mm	2.4,3.0,3.6,4.8,6.0
240x42mm	2.4,3.0,3.6,4.2,4.8,6.0
290x42mm	2.4,3.0,4.8,6.0
190x65mm	4.8,6.0,7.2
240x65mm	4.8,6.0,7.2
265x65mm	4.8,5.4,6.0,7.2
290x65mm	4.8,6.0,6.6,7.2
290x80mm	4.8,6.0,7.2,7.8

## 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.

### GL RATING

GL 17

### FINISH

Dressed all faces with 3mm pencil round edges

# MAGNA 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 woodwork.



### SIZE

120X42mm  
150x47mm  
200x47mm  
290x45mm

### LENGTH

1.8-5.4m Random  
1.8-5.4m Random  
1.8-5.4m Random  
1.8-5.4m Random

### FINISH

Dressed all faces with 3mm pencil round edges



## 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 programme 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.

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## MAGNA GLULAM PROPERTIES

Timber Specie	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
Durab	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 <a href="http://austim.com.au">austim.com.au</a>



## Magna Merbau, with environmental credibility

### Environmentally Responsible Merbau

Don't be misled into thinking all Merbau timber is sourced from poorly managed and environmentally degraded forests because Magna Merbau certainly is not.

You can be assured only legal and sustainably harvested timber is used in the production of Magna Merbau. ETH (the manufacturer) operates under the Smartwood program of the Rainforest Alliance, a highly credentialed and recognised international certification body. Members are committed to achieving full FSC status within a defined timeframe. Magna Merbau have been working towards this since 2010 and recently achieved Verified Legal Compliance status in 2014 with FSC certification planned for 2018.

FSC certification is widely considered the pinnacle of forest certification, FSC certified Magna Merbau is not just a pipe dream it is a commitment that is being planned for and expected.

### Quality Assurance Guaranteed

Strictly controlled product testing is performed in-house continuously and this is verified by further independent testing carried out by the Glue Laminated Timber Association of Australia (GLTAA), ETH was the first sawmill in Indonesia to achieve GLTAA endorsement. As a result Magna beams and posts are manufactured in accordance with AS/NZS 1328. You will never need to be concerned about product failure, these products are designed to world class standards and will perform as expected and designed, guaranteed.



# ABOUT AUSTIM

Our aim is to deliver timber solutions that exceed expectations and lead to successful projects.

We offer a complete timber resource; from timber decking and cladding, to posts and beams, flooring, furniture and joinery timber, specialist recycled timber and much more.

Note: we specialise in timber supply only, leaving installation to carpenters, joiners and floor layers. We can recommend quality tradesmen in all aspects of timberwork.

With everything from full pack lots to individual pieces and a basic range of timber-related hardware on hand, Austim is number one in Perth, trusted by:

- Builders and tradespeople
- Joiners and furniture makers
- Cabinetmakers and shopfitters.

Customers enjoy quick and easy access to an array of timber products at our massive 16,000sqm site in Landsdale. This includes unique exotic species from around the world you won't find anywhere else in Perth, like American Black Walnut, White Oak and Burmese Teak (to name a few).

Our state of the art computer systems provide real-time stock information and job progress, and with our unrivalled knowledge and steadfast commitment to quality (ISO 9001 Quality Assured), we'll recommend the right timber for your unique project.

We work closely with Perth's top architects to assist in specification and impart our knowledge to all parties involved in the building process.

- Timber & composite decking
- Wall cladding & ceiling lining
- Timber fins, battens and screening
- Timber posts & timber beams
- Specialty sawn timbers
- Dressed timber
- Specialty recycled timber
- Thermally modified timber.

Our huge warehouse has been specially designed to provide ample room for semis, trucks and utes so you can come and go with ease. And if you can't pick it up, we'll happily deliver to your site via crane truck.



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