

# WHITE MAHOGANY

Eucalyptus acmenoides

White mahogany is one of Australia's premium native hardwoods with a high degree of natural durability and strength, making it an ideal timber for a variety of structural, exterior and interior applications. The heartwood is light brown to yellow brown in colour. The sapwood is usually creamy brown and is uniformly lighter than the heartwood. This species grows along the east coast of Australia, from mid-New South Wales to northern Queensland

## Applications

Cladding - Flooring - Joinery - Screening - Lining - Decking - Furniture - Poles

### Strength Group

Unseasoned S2 (High)  
Seasoned SD3 (Reasonably High)

### Durability

In-Ground Class 1 (25+ years)  
Above-Ground Class 1 (40+ years)

### Density

Unseasoned 1150 kg/m<sup>3</sup>  
Seasoned 950 kg/m<sup>3</sup>

### Hardness

Unseasoned 8.9Kn (Janka)  
Seasoned 10.0Kn (Janka)

### Radial Shrinkage

2.8%

### Tangential Shrinkage

5.4%

### Lyctid Borer Susceptibility Termite Resistant

Not Susceptible  
Resistant

### EFH Ignitibility:

No data

### EFH Spread flame Index

No data

### EFH Smoke Develop Index

3 (low-mid)

### Critical Radiance Flux

>2.2 and <4.5

### Smoke Development Rate

<750

### Fire Properties group number

3 (slightly combustible)

### Bal Rating

Bal 19



White Mahogany provides moderate fire resistance, and is one of many hardwood timber species that can be used in home construction in bushfire areas up to BAL 19 (provided it has a thickness greater than 18mm).

For further technical information and installation guides visit:

[www.radialtimbers.com.au](http://www.radialtimbers.com.au)

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