



MARIPOSA HARDWOOD TIMBER FLOORING DATA SHEET – Jarrah

Family: Sapotaceae.

Jarrah (*Eucalyptus marginata*) is one of the most common species of tree in south western . The species' scientific name *marginata* refers to the light-colored vein on the border around its leaves.

The Tree: This tree usually grows up to 40M high and has rough, greyish-brown fibrous bark which it sheds in long flat strips. The leaves are often curved, 80 to 130mm long, shiny dark green above and paler below. The stalked buds are in clusters of 7 to 11. Each bud has a narrow, conical bud cap 5 to 9mm long. The flowers are white. The fruits are spherical to barrel-shaped, and 9 to 16mm long.

General Characteristics: Jarrah flowers are used to make honey, but its wood is its main use; it is the principal hardwood tree harvested in for timber. It is a heavy wood, with a specific gravity of 1.1 when green. Its long, straight trunks of richly coloured and beautifully grained termite-resistant timber make it valuable for cabinet making, flooring, and panelling. The finished timber has a deep rich reddish-brown color and an attractive grain. When fresh, Jarrah is quite workable but when seasoned it becomes so hard that conventional wood-working tools are useless. It is very durable, even in wet and weathered situations, making it a choice structural material for bridges, wharves, ship building and telegraph poles.

Density: Basic specific gravity (oven dry weight/green volume) 1.10; air-dry density 1115 kg/M3.

Mechanical Properties: (50mm standard)

TEST	GREEN	KILN DRIED & CONDITIONED
Moisture Content	31%	8-12%
Bending Strength	910 kg/cm ²	1282 kg/cm ²
Modules of Elasticity	142,080 kg/cm ²	156,020 kg/cm ²
Maximum Crushing Strength	516 kg/cm ²	635 kg/m ²
Janka	6.5 kN	8.3 kN

Drying and Shrinkage: Seasons well with little degrade. Shrinkage green to kiln dry: radial 3.8% Tangential 6.8%; volumetric 9.9%. Movement in service is rated as moderate.

Working Properties: The wood is moderately difficult to saw and machine largely because of its high density, but except in planing it can be machined to a smooth surface. The wood is somewhat difficult to plane because of the interlocked grain. It is easy to glue and finish satisfactorily; steam-bending properties comparable to white oak.

Durability: Laboratory evaluations rate the wood very resistant to brown-rot and white-rot fungi; actual field exposure trials also rate the wood as very durable. Heartwood is also rated very resistant to dry-wood termites.

Preservation: Heartwood is not treatable using open-tank or pressure-vacuum systems.

Uses Pacific Jarrah is suitable for window reveals, doorjambs, interior joinery, furniture, mouldings, musical instruments, sporting goods, panelling, cabinetwork, handles, ladders, mine timber, posts and poles, boat building toys and novelties.

Product Code	Available Range	Dimensions
TW012PLUS	Trendwood Plus - Jarrah	15mm x 90mm
TW212	Scotia – Jarrah	19mm
TW312PLUS	Nosing Plus - Jarrah	20mm x 90mm
TW412	Reducer – Jarrah	10mm x 2mm x 70mm
TW512	Skirting - Jarrah	10mm x 70mm

How to specify your Mariposa Hardwood Floor:

1. **Product Code - Species – Range** eg: TW012 PLUS – Jarrah – Trendwood Plus
2. **Number of Square metres – allow up to 5% wastage**
3. **Accessories – Nosing for any stairs, scotia or skirting for perimeter**

A large range of other products can also be manufactured in Jarrah on request. Included are unfinished strip flooring, inlays, borders, & medallions. Minimum order quantities apply.

Please consult your local Mariposa Hardwood Flooring expert for assistance in converting your design requirements to a beautiful solid timber floor by Mariposa.

Mariposa Group Pty Ltd

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