

Red Mahogany – *Eucalyptus resinifera*

Wood Appearance

Colour – The heartwood ranges from red to dark red. Sapwood is distinctively paler.

Grain – Generally medium textured with even grain. At times the grain can be interlocked producing an attractive figure.

Wood Properties

Density – 995 kg/m³

Durability – Class 2 – Highly resistant to decay when fully exposed to the weather, clear of the ground and well drained with free air circulation. Only moderately resistant to decay when in the ground.

Hardness – Very hard (rated 1 on a 6 class scale) in relation to indentation and ease of working with hand tools

Identification Features

Sapwood – Paler and distinct from heartwood

Heartwood – Generally deep red in colour but may be lighter in younger material

Texture – Uniform, coarse grain, often interlocked. An occasional tight gum vein

Wood Structure

Growth rings – Generally absent, but some specimens may tend to show vessels arranged in zones

Vessels – Medium in size, solitary, distributed in a diffuse pattern. Vessel lines conspicuous on longitudinal surfaces. Contains frequent tyloses and dark-red gum deposits.

Rays – Fine, visible only with a lens

Parenchyma – Variable in amount, not abundant; diffuse and paratracheal

Other Features

Burning Splinter Test – A match size splinter burns to charcoal without ash.

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