

Flooded Gum – *Eucalyptus grandis*

Wood Appearance

Colour – The heartwood ranges in colour from pale pink to red brown. Sapwood is usually paler in colour but it is not always clearly differentiated

Grain – Moderately coarse textured but uniform. Predominantly straight grained with no pronounced figure.

Wood Properties

Density – Can vary with maturity of the wood, with an average of about 800 kg/m³

Durability – Class 3 – Moderately resistant to decay when fully exposed to the weather, clear of the ground and well drained with free air circulation. Not recommend for in ground use.

Hardness – Moderate (rated 3 on a 6 class scale) in relation to indentation and ease of working with hand tools.

Identification Features

Sapwood – Light-brown; usually paler in than heartwood

Heartwood – Pink to red-brown in colour

Texture – Open, uniform texture; grain usually straight or slightly interlocked.

Wood Structure

Vessels – Large in size, visible without a lens. Variable in number, diffusely distributed. Diagonal chains common. Vessel lines prominent. Cells mostly open but tyloses common in more mature wood.

Parenchyma – Scarce

Rays – Fine, visible only with a lens

Other Features

Burning Splinter Test – A Match size splinter burns with difficulty to charcoal with a little dark grey or black ash, or with no ash at all.

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