

# Miva Mahogany – *Dysoxylum muelleri*

## Wood Appearance

**Colour** – The heartwood is red-brown in colour. Sapwood is creamy-pink and can be easily distinguished from heartwood

**Grain** – Medium to coarse grained, uniform in texture; grain often interlocked. The soft tissue (parenchyma) gives a slight figure to the tangential surface.

## Wood Properties

**Density** – 625 - 640 kg/m<sup>3</sup>

**Durability** – Class 3 – Resistant to decay when fully exposed to the weather, clear of the ground and well drained with free air circulation. Not recommended for in ground applications.

**Hardness** – Firm (rated 4 on a 6 class scale) in relation to indentation and ease of working with hand tools

## Identification Features

**Sapwood** – Cream-pink, distinctly lighter than heartwood

**Heartwood** – Red-brown in colour

**Texture** – Medium to coarse, grain often interlocked

## Wood Structure

**Vessels** – Medium to large, visible without a lens, mostly in short radial rows of 2-4 cells but with some solitary. Lighter coloured vessel contents visible in many specimens. Vessel lines prominent on longitudinal surfaces.

**Parenchyma** – Abundant in fine, wavy, apotracheal bands of slightly lighter colour than the background

**Rays** – Fine, not visible without a lens

## Other Features

**Burning Splinter Test** – A match size splinter burns to charcoal. This distinguishes this species from the very similar, and closely related, rose mahogany, which burns to a white ash.

**Figure** – A pleasing but subdued figure, caused by parenchyma bands, occurs on dressed tangential surfaces.

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