

# Rose Mahogany – *Dysoxylum fraseranum*

## Wood Appearance

**Colour** – The true wood ranges in colour from red-brown to dark red. Sapwood colour ranges from light brown to cream

**Grain** – Moderately close, often interlocked. Uniform in texture. The soft tissue (parenchyma) gives a slight figure to tangential surfaces.

## Wood Properties

**Density** – 705 kg/m<sup>3</sup>

**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 recommended for in ground applications.

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

## Identification Features

**Sapwood** – Light brown to cream

**Heartwood** – Red-brown sometimes marked with small dark oily patches on longitudinal surfaces.

**Texture** – Uniform; grain often interlocked.

## Wood Structure

**Growth rings** – Absent

**Vessels** – Medium in size and uniform in distribution, mostly in short radial multiples, but some solitary. Vessel lines conspicuous. Dark red vessel contents common.

**Parenchyma** – Abundant in regularly spaced apotracheal bands, slightly lighter in colour than the background. On dressed tangential surfaces these bands of parenchyma give rise to an attractive figure

**Rays** – Fine, visible only under a lens.

## Other Features

**Burning Splinter Test** – Produces a full white ash. This, together with the distinctive odour, distinguishes the species from the very similar and closely related timber, miva mahogany, which burns to a charcoal.

**Odour** – Freshly cut wood is distinctive aromatic odour

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