

TIMBER SPECIES

White Mahogany – *Eucalyptus acmenoides*

Wood Appearance

Colour – Heartwood yellow brown, having a close resemblance to tallowwood. Sapwood is usually paler in colour and less than 20mm wide.

Grain – Generally medium textured and uniform; however, at times it can be interlocked. Greasy to feel, but not as pronounced as in tallowwood and spotted gum.

Wood Properties

Density – 1010 kg/m³

Durability – Class 1 – Highly resistance to decay in ground contact or in persistently damp or badly ventilated situations.

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

Identification Features

Sapwood – Creamy brown and distinctly lighter than heartwood.

Heartwood – Light wood to yellow brown

Texture – Medium textured and uniform; grain interlocked; greasy to feel, but not as pronounced as in tallowwood and spotted gum.

Wood Structure

Vessels – Solitary, small to medium in size. Uniformly distributed, occasionally in oblique chains; seasonal growth zones may be evident. Vessel lines fine and numerous on longitudinal surfaces. Tyloses common.

Parenchyma – Varies from abundant to scarce; generally difficult to see.

Rays – Fine and numerous

Other Features

Burning Splinter Test – A Match size splinter burns to charcoal leaving no ash.

MASTER WOODTURNING
37 LANCASTER STREET
INGLEBURN NSW 2565

P: 02 9829 5000
F: 02 9829 5100
E: Sales@masterwoodturning.com.au

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