

Black Bean – *Castanospermum australe*

Wood Appearance

Colour – The heartwood ranges from dark brown to chocolate shades deepening almost too black; sometimes streaked with lighter coloured bands. The sapwood is white to yellow in colour.

Grain – Porous and coarse grained, striated vessel lines prominent on longitudinal surfaces. This effect is due to chalky grey soft tissue (parenchyma) surrounding the vessels.

Wood Properties

Density – 755 kg/m³

Durability – Class 1 – Highly resistant to decay when in ground contact or in persistently damp or poorly ventilated situations.

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

Identification Features

Sapwood – White to yellow, distinct from heartwood

Heartwood – Dark brown to chocolate, sometimes with fine white streaks from vessel contents or more diffuse streaks due to soft tissue surrounding vessels

Texture – Coarse, with some figure

Wood Structure

Growth rings – Absent

Vessels – Medium to large, in radial rows but with some solitary. Chalky white deposits in some vessels

Parenchyma – Abundant, aliform with some confluent

Rays – Visible without a lens

Other Features

Burning Splinter Test – A match size splinter produces a full white to buff coloured ash.

Figure – Prominent figure, caused mainly by the parenchyma associated with vessels.

MASTER WOODTURNING
37 LANCASTER STREET
INGLEBURN NSW 2565

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

We do anything when it comes to wood