

Jelutong – *Dyera*

Wood Appearance

Colour – The heartwood and sapwood are of the same colour varying from creamy white to pale straw

Grain – The timber is straight grained and featureless. Texture is fine and even. Growth rings indistinct.

Wood Properties

Density – 450 kg/m³

Durability – Class 4 –Suitable for use in continuously dry situations under cover, well ventilated, clear of ground and fully protected from the weather and other dampness.

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

Identification Features

Sapwood – Not differentiated by colour

Heartwood – Creamy white when freshly cut; pale straw after exposure

Texture – Smooth and uniform. Grain straight and soft to cut

Wood Structure

Vessels – Short radial groups of 2-4 cells with a few solitary, medium in size, uniform distribution. Deposits and tyloses lacking.

Parenchyma – Apotracheal, as narrow short lines between the rays, more closely spaced than in white cheesewood, a very similar wood.

Rays – Barely visible to naked eye.

Other Features

Burning Splinter Test – A match size splinter burns to an ash

Growth Zones – Concentric layers simulating growth rings often visible, caused by layers without wood parenchyma

Intercellular Canals – Visible with hand lens as horizontal canals within the rays

Latex Traces – Large radial passages which appear as lens-shaped voids on the tangential surface in board

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