

TIMBER SPECIES

Kapur – *Dryobalanops*

Wood Appearance

Colour – Sapwood ranges from almost white to yellow-brown and is clearly distinct from the heartwood. Heartwood is red or red-brown.

Grain – Grain variable from straight to interlocked or spiral. Texture coarse but even. Growth rings absent.

Wood Properties

Density – 800kg/m³

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 use.

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

Identification Features

Sapwood – Well defined from heartwood

Heartwood – Red to red-brown in colour

Texture – Coarse, uniform. Grain variable from straight to interlocked or spiral.

Wood Structure

Vessels – Predominately solitary, medium to large size, visible to the unaided eye. Tyloses common. Vessel lines present.

Parenchyma – Apotracheal in irregular spaced concentric bands and some diffuse strands.

Rays – Fine to medium size, visible through lens

Other Features

Burning Splinter Test – A match size splinter burns to a charcoal

Intercellular Canals – Vertical canals common in the concentric bands of parenchyma

Odour - Freshly cut wood can have camphor like odour

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