

Radiata Pine – *Pinus radiata*

Wood Appearance

Colour – Heartwood is reddish-brown varying to shades of yellow. Sapwood is usually pale yellow to white.

Grain – Generally straight. An often pronounced difference in colour between earlywood and latewood results in very distinctive figure when back sawn.

Wood Properties

Density – 545 kg/m³

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

Hardness – Soft (rated 5 on a 6 class scale) in relation to indentation and ease of working with hand tools.

Identification Features

Sapwood – Pale Yellow

Heartwood – Reddish-brown, varying to shades of yellow

Texture – Non-uniform, consisting of alternating bands of earlywood or latewood. Grain straight. Knots usually present in constructional timber grades.

Wood Structure

Growth rings – Prominent and clearly visible, latewood forming a dense dark band. False rings rare. Transition from earlywood to latewood abrupt.

Vessels – Absent

Parenchyma – Absent

Rays – Fine, visible with a lens

Resin Canals – Numerous, prominent as lines on dress longitudinal surfaces

Other Features

Odour – Wood generally has a resinous odour

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