

Tasmanian Oak

Eucalyptus regnans, *Eucalyptus delegatensis*, *Eucalyptus obliqua*

Wood Appearance

Colour – Heartwood pale brown to white brown and often with pinkish tints. Generally there is no noticeable colour difference between sapwood and heartwood.

Grain – Generally moderately open to coarse, but even and straight. Growth rings are often noticeable.

Wood Properties

Density – 675-770 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 – Firm to moderately hard (rated 3 and 4 on a 6 class scale) in relation to indentation and ease of working with hand tools.

Identification Features

Sapwood – Similar to the heartwood

Heartwood – Pale brown to white-brown and often with pink tints.

Texture – Texture varies from open to moderately open. Usually straight grained. Gum veins sometimes prominent.

Wood Structure

Growth rings – Prominent in some samples of *Eucalyptus regnans*, *Eucalyptus delegatensis* and occasionally in *Eucalyptus obliqua*

Vessels – Single, medium to large in all three species, often forming oblique chains in *Eucalyptus obliqua*. May be more common in the earlywood. Tyloses occurrences vary from very few in *Eucalyptus Regnans* to common in *Eucalyptus obliqua*. Vessel lines prominent on dressed longitudinal surfaces of all species.

Rays – Fine, not prominent

Parenchyma – Indistinguishable, even with a lens

Other Features

Burning Splinter Test – All three timbers burn to charcoal, sometimes with small amounts of grey or black ash.

Figure – Generally lacking but occasionally wavy on quarter sawn surfaces.

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