

Species Information Sheet

Australian Oak

Botanical Name: Eucalyptus delegatensis, Eucalyptus obliqua, and Eucalyptus regnans Other Names: Mixture of Alpine Ash, Messmate, and Mountain Ash Origin: Australia

General

Certification: PEFC™

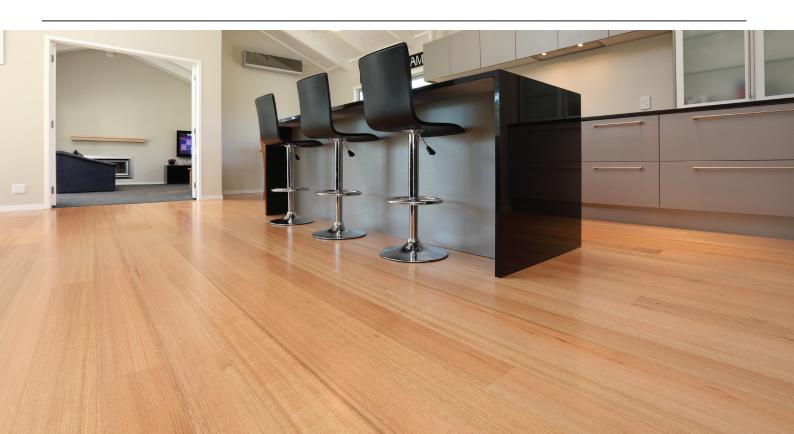
Working Qualities: A strong and stable timber, Tasmanian oak offers good all round workability. It planes, sands, finishes and glues well, and will readily steam and bend. This makes Tasmanian oak is ideal for internal applications and furniture.

Uses: Tasmanian oak can be used for protected structural applications, such as timber framing, but it is best suited to indoor applications and furniture due its low to moderate durability. Flooring, paneling and highend joinery are some of its more common applications, although it is also used for agricultural implements, oars, cooperage, boxes, crates, paper pulp and in the manufacture of plywood.

Price (1-10): 3

Availability

Stocked: Yes



Basic Info

Durability In Ground: Perishable/Non DurableDurability Above Ground: Perishable/Non DurableDensity Air Dry:620 kg/m3Density Green:1050 kg/m3Shrinkage Radial:4.4 %Shrinkage Tangental:8.9 %Stability Kiln Dry:StableStability Green:Very prone to shrinkage and distortion

Mechanical Properties

Janka Hardness:4.9 kNModulus of Rupture:I10 MPaModulus of Elasticity:15 GPaMax Crush Strength:61 MPa

Fire

NZAS Ignitability: 13 - 14 NZAS Flame Spread: 5 - 8 NZAS Heat Evolved: 5 - 7 NZAS Smoke Developed: 3