

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 high-end 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 Durable

Durability Above Ground: Perishable/Non Durable

Density Air Dry: 620 kg/m³

Density Green: 1050 kg/m³

Shrinkage Radial: 4.4 %

Shrinkage Tangential: 8.9 %

Stability Kiln Dry: Stable

Stability Green: Very prone to shrinkage and distortion

Mechanical Properties

Janka Hardness: 4.9 kN

Modulus of Rupture: 110 MPa

Modulus of Elasticity: 15 GPa

Max Crush Strength: 61 MPa

Fire

NZAS Ignitability: 13 - 14

NZAS Flame Spread: 5 - 8

NZAS Heat Evolved: 5 - 7

NZAS Smoke Developed: 3
