

Timber Species Information Sheet

Glacial Oak

Quercus rubra



DESCRIPTION

Glacial Oak is the trade name for a distinctive American Red Oak hardwood variant sourced from Northern America. This sustainably sourced hardwood ensures a uniform look suitable for various timber applications and can be easily stained to match desired aesthetics, which is one of the reasons it is becoming increasingly popular around the world.

VISUAL FEATURES

A highly attractive timber, the sapwood of Glacial Oak has blonde to straw tones. It is a typically straight-grained wood with a coarse texture, although both colour and texture can vary dependent on the growing region. Offering excellent quality, performance and colour selection, Glacial Oak works relatively easily, machines well and takes nails and screws (though pre-boring is recommended).

COMMON APPLICATIONS

- Furniture and joinery
- Lining boards
- Benchtop and panels
- Windows and doors
- Flooring
- Custom mouldings

AVAILABILITY

Available in Dowel sizes 50mm.

TECHNICAL INFORMATION

Glacial Oak is a dense and resilient hardwood, that machines smoothly and readily accepts paint, stain, oil, and polish with ease.

Density kg/m ³ dry	730
Specific gravity	0.65
Hardness (janka) kn	6.0
Modulus of rupture mpa dry	87
Modulus of elasticity gpa dry	12
Radial shrinkage %	2.8
Tangential shrinkage %	6.6
Durability in ground	0-7 years (Class 4)
Durability above ground	7-15 years (Class 3)
Susceptible to lyctid borer	Susceptible
Termite resistance	Not Resistant

Spread of Flame	>250
Smoke Development Rate	<750
BAL rating	19
Resistance to split (nailing)	Good
Resistance to split (screwing)	Good
Gluing	Very Good
Machining	Very Good
Finish	Very Good
Stability	Very Good
Growing region	North America

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