



Private Residence

AMERICAN WHITE OAK

Quercus Alba



PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

An excellent option for unique interiors



Comes in clear and
feature grades



Proven quality



Suitable for high
traffic areas

American White Oak is a prolific specie which is native to Eastern USA. The trees prefer rich well-drained soil, and the average height is 15 meters to 20 meters. The wood is dense and heavy with good strength, in particular, its high resistance to abrasion and wear.

White Oak is attractively figured is easy to work with and represents excellent value to homeowners for a high quality, solid hardwood. It's a versatile timber so no wonder the wood is so widely used in flooring, paneling, mouldings, cabinetry, and furniture making.

White Oak is similar in colour and appearance to European Oak. The sapwood of American White Oak is light coloured and the heartwood is light to soft brown. It is more figured, with longer rays than Red Oak and has exceptional character.



AMERICAN WHITE OAK APPLICATIONS

White Oak has a beautiful natural grain and is less knotty than European Oak. It is a versatile timber that helps you bring character and uniqueness into your space. Works well in hand and machine tools and is slightly greasy to the touch. It can be stained or oiled with a wide range of finished tones and is best used in interior applications such as:

- **Flooring** - American White Oak is one of the most popular flooring timber choices in New Zealand. White Oak is supplied kiln dried and resists movement, however all timbers will eventually reflect the micro conditions in which they are laid.
- **Interior Lining** - American White Oak is a great choice if you are looking to make a statement or have it fit in with a particular style such as fresh and contemporary to a more warm historical look.



TECHNICAL INFORMATION

Supplier responsibility status	Non-Controversial
Availability of sizes	Lengths: 1.2-4.5 lineal meters & average about 2.8l/m Sizes: Available in 25mm, 50mm, 75mm, 100mm and 150mm thickness and widths up to 300mm
Durability	Class 3*
Grades	FAS Clears and Rustic

*Durability classifications provide a useful comparative guide, however factors relating to specific installations and natural timber variation may result in heartwood pieces falling outside the species' durability classification.

Mechanical properties	Green	Dry
Modulus of Rupture (MPa)	57	105
Modulus of Elasticity (GPa)	8.6	12
Hardness Janka (kN)	4.7	6.0
*Density (kg/m3) *Air dry density (kg/m3) is average indication only and actual value may vary.	-	*750kg/m ³

Note: For comparable species speak to the JSC team about alternatives.

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