

# AMERICAN WHITE OAK QUARTER SAWN

*Quercus Alba*



www.brittontimbers.com.au



## Description

Similar in colour and appearance to quarter sawn European Oak. Displays dramatic medullar figuring called flake (or fleck).

'Tyloses' in vascular cells effectively seal the cells as the tree grows making it non-porous, therefore allowing use in wine, whiskey barrels, and boat building.

Straight grain restricts shrinkage to board thickness (as opposed to width) minimising warping and cupping, and therefore ideal in flooring, cabinetry, millwork and furniture applications. Good turning and steam bending qualities.

*Also known as Northern White Oak Quarter Sawn, Southern White Oak Quarter Sawn.*

## Suitability

- ✓ Boating
- ✓ Cabinet Door
- ✗ Decking & Cladding
- ✓ Flooring & Staircase
- ✓ Furniture
- ✓ Joinery

## TECHNICAL INFORMATION

Density (kg/m <sup>3</sup> dry)	770	Hardness (Janka) (kN)	6	Resistance to Split in Nailing	Good
Specific Gravity	0.68	Finish	Excellent	Resistance to Split in Screwing	Good
Modulus of Rupture (MPa dry)	105	Stability	Excellent	Gluing	Good
Modulus of Elasticity (GPa dry)	12	Durable	Yes	Growing Region	North America
Radial Shrinkage %	5	Sapwood Lyctid Susceptible	Yes	Availability	Limited
Tangential Shrinkage %	3	Machining	Excellent		

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