

# AMERICAN WHITE OAK



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IS THE MARKET TRADE NAME FOR A NUMBER OF AMERICAN HARDWOODS FROM THE QUERCUS SPECIES.

The timber is indigenous to North America and is harvested from mainly privately owned and managed forests. It is imported into Australia for use in a variety of applications, including furniture, flooring and joinery and can be used both internally and externally. It is generally imported in a kiln dried form and machined and or profiled in Australia.

The timber has a light-coloured sapwood with light to dark brown heartwood. It has occasional tight knots and whilst generally straight grained it does have large distinctive growth rings and "fleck" (medullary ray) appearance making it similar to European oak.

The timber is graded to an American standard which is slightly different to Australian standards in that it permits more "features" in higher grade products. The timber machines well and is easy to glue, nail and screw. It readily accepts stains and polishes to a good finish.



<b>COMMON NAME</b>	American White Oak
<b>LOOK &amp; FEATURES</b>	Mostly straight grained with a medium to coarse texture
<b>BOTANICAL NAME</b>	Quercus alba
<b>COLOUR</b>	Sapwood is light coloured & heartwood is light to dark brown
<b>COMMON USES</b>	A wide range of internal applications including flooring, joinery & furniture

## PROPERTIES

DENSITY (KG/M3)	
GD	1009
ADD	750
HARDNESS KN (JANKA)	
Green	4.7
Dry	6.0
STRENGTH GROUP	S6/SD16
JOINT GROUP	J1/JD3
SHRINKAGE	
Radial % (approx.)	>5.0
Tangential % (approx)	10.5
EARLY FIRE HAZARD INDICES	
Ignitability	N/A
Spread of Flame	N/A
Smoke Development	N/A
TERMITE RESISTANT	NR
LYCTID SUSCEPTIBLE SAPWOOD	Yes