

American White Oak

Species Data Sheet

Common Name/s	American Oak, True White Oak, Northern White Oak, Southern White Oak
Botanical Name	American White Oak is a trade name for numerous species of the Quercus genus, eight of which are commercially available as timber
Primary Origin	Eastern United States
Colour & Figure	Light to dark brown Heartwood and with light coloured Sapwood. Similar in colour to European Oak. Figure – Mostly straight grained with a medium to coarse texture and large distinctive growth rings
Density	Unseasoned - 1009 kg/m ³ Seasoned - 750 kg/m ³
Hardness	Janka Rating - 6 Relative Rating - Firm
Durability (above ground)	Only suitable for weather protected applications
Weather Exposed	Unsuitable
Grade Options	Select – premium timber that has a clean look with a few natural growth characteristics included. Ideal for use where appearance is of importance.
Leaching of Tannins	Not applicable
Thickness (finished dressed)	Most dressed sections are 19mm, 30mm and 40mm in thickness with little availability of thicker dry sections
Width (finished dressed)	Generally are in the range from 65mm to 180mm with some wider boards available for special applications
Length	Generally limited to 4.2M in any volume and heavily available in lengths ranging from 2.4M to 3.6M in 300mm increments
Price Guide	Relative Cost - 167 Units (compared to Western Red Cedar at 100 units)
Coating (external)	Not applicable
Coating (internal)	Factory pre coating can be offered in UV cured lacquer for non-hard wearing areas, spray applied two pack polyurethane for hard wearing applications or oils for other applications.
Availability	As an imported timber some limitations to the availability of volumes of set lengths and certain demand sizes is inevitable. Availability should be checked at the time of tendering and followed up prior to project commencement to ensure lead times can be met.