



# TIMBER DATA SHEET

## AMERICAN WHITE OAK (Quercus alba)

### DESCRIPTION

American White oak is a hard, heavy wood common throughout the eastern United States. With a light-coloured sapwood and a light to dark brown heartwood, White oak is mostly straight grained with a medium to coarse texture and large distinctive growth rings. American White Oak machines well and is easy to glue, nail and screw.

### APPLICATIONS

- Boat Building
- Cabinetry
- Flooring
- Staircases
- Furniture
- Joinery
- Tops

### KEY FEATURES

- Pale, Creamy Color Palette
- Straight, Uniform Grain
- Highly Durable and Stable
- Easy to Work
- Accepts Stains and Finishes Well
- Renowned for Furniture Making

### SPECIFICATION DATA

|                                  |                  |
|----------------------------------|------------------|
| Density (KG/M3 Dry):             | 710              |
| Stability                        | Good             |
| Modulus of Rupture (MPA Dry):    | 105              |
| Durability (External):           | Moderate         |
| Modulus of Elasticity (GPA Dry): | 12               |
| Machining:                       | Excellent        |
| Radial Shrinkage:                | 3%               |
| Resistance to Split (Nailing):   | Good             |
| Tangential Shrinkage:            | 5%               |
| Resistance to Split (Screwing):  | Good             |
| Susceptible to Lyctid Borer:     | Yes              |
| Gluing:                          | Good             |
| Janka Hardness Rating:           | 6.0              |
| Growing Region:                  | Eastern USA      |
| Sawn Thickness:                  | 25, 38, 50, 75mm |
| BAL Rating:                      | Not Rated        |
| Sawn Widths:                     | 100 - 350mm      |
| Price Range:                     | Medium           |
| Length Range:                    | 2.1 - 4.8m RDM   |
| Sustainability:                  | Very Good        |

#### CONTACT US

P: (08) 9418 3222

E: [info@wwtt.com.au](mailto:info@wwtt.com.au)

#### GET CONNECTED

[www.wwtt.com.au](http://www.wwtt.com.au)

[@worldwide\\_timber\\_traders](https://www.instagram.com/worldwide_timber_traders)

#### OUR LOCATION

179 Barrington Street

Bibra Lake, Western Australia 6163