

European White Oak

Botanical Name: *Quercus robur*
Origin: UK & Europe

General

Seasoning: Dries slowly and care is needed.

Working Qualities: In general, Oak finishes well from the planer or moulder although in some cases a reduction of cutting angle to 20° may be required. The timber can be stained, polished, waxed and glued satisfactorily, Pre boring when screwing or nailing near edges is recommended. It takes liming and fuming treatments well.

Uses: An ideal timber for many uses in boatbuilding. It is also used for high-class joinery, furniture, coffins, ecclesiastical works such as pews, rood screens, pulpits and flooring.

Price (I-10): 6

Availability

Stocked: Yes

Availability: Available ex-stock in Random Widths in 25, 40 and 50mm thicknesses.



Basic Info

Durability In Ground: Perishable/Non Durable

Durability Above Ground: Durable

Density Air Dry: 690 kg/m³

Shrinkage Radial: 5 %

Shrinkage Tangential: 8 %

Mechanical Properties

Janka Hardness: 5.5 kN

Modulus of Rupture: 97 MPa

Modulus of Elasticity: 10 GPa

Max Crush Strength: 52 MPa
