

— HARDWOOD · MOST STOCKED

European Oak

Quercus robur · Quercus petraea

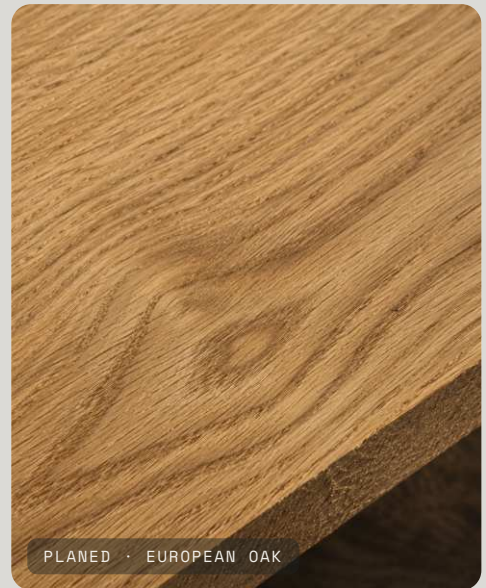
The benchmark European hardwood — strong, characterful and built to last generations. Honey-gold when fresh and deepening with age, with the open grain and silver ray-fleck that make it unmistakable.

Family **Fagaceae**Origin **UK & Europe**

Temperate hardwood

FSC / PEFC available

ALSO KNOWN AS — ROVERE · QUERCIA · CHÊNE · EICHE



DENSITY

≈720kg/m³ · 12% MC

DURABILITY

Class 2

Durable heartwood

WORKABILITY

Good

Works & finishes well

MOVEMENT

Medium

Stable once dried

STEAM BENDING

Very good

Excellent rating

■ APPLICATIONS

Furniture and cabinetmaking are its home ground, but European Oak is equally trusted for high-class joinery, flooring, boatbuilding, sills, thresholds and exterior work in ground contact. It is rotary-cut for plywood and sliced for the prized silver-grain and raindrop figured veneers.

■ DESCRIPTION

The heartwood is light tan to biscuit-coloured and usually straight-grained, though irregular or cross-grained boards occur with growth conditions. Quartered surfaces reveal the characteristic silver-grain figure thrown by the broad rays. British and Nordic oak is notably tough at ≈720 kg/m³; milder Slavonian oak weighs nearer 670 kg/m³.

■ PROPERTIES

European Oak carries a very good steam-bending classification. High in tannin, it is liable to blue-stain in contact with iron compounds, so ferrous metals should be kept away from damp timber.

■ DURABILITY & DRYING

The durable heartwood is extremely resistant to preservative treatment, while the sapwood is permeable. Oak's acidity corrodes metals in indirect contact — use non-ferrous or galvanised fixings. It dries slowly with a tendency to split and check, and shows medium movement in service.

■ AVAILABILITY

Held in standard stock — thicknesses **26–104 mm** · kiln- & air-dried · supplied PAR, sawn or machined to your cutting list.

Typical values for kiln-dried stock; properties vary with origin and growth conditions. Confirm critical specifications and current availability with our team before ordering.

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