

— HARDWOOD · MILDER THAN EUROPEAN OAK

American White Oak

Quercus alba

Closely related to European Oak but milder and easier to work — pale yellow-brown to biscuit with a pinkish hue and the same prized silver figure on quartered boards.

Family **Fagaceae**Origin **North America**

Temperate hardwood

FSC / PEFC available

ALSO KNOWN AS — NORTHERN · SOUTHERN · APPALACHIAN OAK



PLANED · AMERICAN WHITE OAK

DENSITY

≈760kg/m³ · 12% MC

DURABILITY

Class 2

Durable heartwood

WORKABILITY

Good

Milder than Euro oak

MOVEMENT

Medium

Dry with care

STEAM BENDING

Excellent

Low stiffness — ideal

■ APPLICATIONS

Furniture and cabinetmaking, joinery, heavy construction, parquet and strip flooring, pews and pulpits, boatbuilding, ladder rungs and tight cooperage. Rotary-cut for plywood and sliced for highly ornamental panelling veneers.

■ DESCRIPTION

Colour runs from pale yellow-brown to biscuit with a pinkish hue, very like European oak, with straight grain and the characteristic silver figure on quartered material. Slow-grown Appalachian oak is light and mild; faster-grown southern oak is harder and tougher. Medium to coarse texture, ≈760 kg/m³.

■ PROPERTIES

Medium bending and crushing strength with low stiffness make it an excellent steam-bending timber.

■ DURABILITY & DRYING

Heartwood is durable and extremely resistant to preservative treatment; sapwood moderately resistant. Logs are prone to insect attack. Dries slowly with a tendency to check, split and honeycomb, so careful air-drying and kilning are needed; medium movement in service.

■ AVAILABILITY

Held in standard stock — thicknesses **25.4–63.5 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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