

# A.C. TIMBER SOLUTIONS

## AMERICAN WHITE OAK

<b>Wood Type</b>	Temperate Hardwood
<b>Latin Name</b>	Fagaceae
<b>Family</b>	Quercus SPP
<b>Also known as</b>	Northern, Southern and other Regional names from North America



**Applications & Uses:** Milder than European oak to work and suitable for furniture and cabinetmaking, joinery, heavy construction, parquet and strip flooring, pews and pulpits, boatbuilding, ladder rungs, agricultural implements, wagon bottoms, tight cooperage and coffins. Rotary cut for plywood and sliced for highly ornamental veneers for panelling and decorative veneering.

**Description:** White Oak varies in colour from pale yellow-brown to biscuit with a pale pinkish hue, similar to European oak. Straight grain, with the characteristic silver grain on quartered material. Appalachian oak is slow grown producing light weight, mild wood, but southern states produce faster grown oak with wide growth rings and a harder, tougher timber. Medium to coarse textured.

- Weight 760 kg/m<sup>3</sup>

**Properties:** The timber has medium bending and crushing strengths with low stiffness which makes it an excellent steam bending material.

Dries relatively slowly with a tendency to check, split and honeycomb and requires careful handling for air drying and kilning. There is medium movement in service.

**Durability:** Logs are liable to severe insect attack. The heartwood is durable and extremely resistant to preservative treatment and the sapwood is moderately resistant.

**Availability:** American White Oak is available from AC Timber standard stock in a range of thicknesses from 25.4mm – 63.5mm.