

# A.C. TIMBER SOLUTIONS

## DOUGLAS FIR

<b>Wood Type</b>	Clear Grade Softwood
<b>Latin Name</b>	Pseudotsuga Menziesii
<b>Family</b>	Pinaceae
<b>Also known as</b>	British Columbian Pine, Columbian Pine, Oregon Pine



**Applications:** More veneer and plywood are produced from Douglas Fir than any other timber. Also for heavy construction work, laminated arches and roof trusses, interior and exterior joinery, poles, piles, paper pulp, vats and tanks. Dock and harbour work, marine piling, ship building, mining timber, railway sleepers, slack and tight cooperage.

**Description:** Douglas Fir's heartwood is a light reddish-brown shade, and the contrast between earlywood and latewood provides a prominent growth ring figure which shows as an abrupt colour contrast on plain sawn timber and rotary cut veneers. The timber is straight grained but sometimes with wavy or spiral grain and with a uniform medium texture.

- Weight 530 kg/m<sup>3</sup>

**Properties:** Timber from Pacific coastal districts is heavier, harder and stronger than from mountain areas, the latter being equivalent to timber from the ~UK. It has high stiffness and crushing strength, medium resistance to shock loads and high bending strength.

The timber dries rapidly and well without much checking or warping, but knots tend to split and loosen. There is small movement in service.

**Durability:** Moderately durable, but subject to attack by pinhole borer, longhorn beetle and jewel beetle. Resistant to preservative treatment, especially American mountain-grown timber.

**Availability:** Douglas Fir is available from AC Timber standard stock in a range of thicknesses from 25.4mm – 101.6mm.