

# European Douglas Fir



Please contact one of our helpful experts for more information **+44(0) 1373 469905**

**European Douglas Fir** is from an Evergreen coniferous tree, grown in the UK or from Europe, imported as fresh sawn, of merchantable grade timber predominantly used for construction purposes. It carries a large percentage of sapwood to heartwood but can be graded up to C24 and sawn to any dimension up to 400mm wide and lengths up to about 10m.

**Use(s)** heavy construction, piling, huse building, roof trusses, exterior joinery and more.

**The Tree** the heartwood is light reddish-brown in colour, usually quite distinct from the lighter coloured sapwood. The abrupt change and contrast in colour between early-wood and late-wood bands, produce a prominent growth ring figure which is a feature of plain-sawn surfaces. The wood from trees grown in the UK appears to have rather less resin than the North American wood, and to some extent is of more rapid growth. The average weight of air dried timber from either source is about 530 kg/m<sup>3</sup>.

**The Timber** the texture medium, the timber has a relatively straight grain, but higher knot content than American 'clear grade'.

**Strength and Durability** European Douglas Fir is a strong and moderately durable timber. Green Oak timber is stronger than Douglas Fir.



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**Physical Properties** European Douglas Fir is difficult to work and machine than imported material due to the greater incidence of hard knots which can be troublesome especially when loosened, whilst fast grown stock can cause problems in sawing, drilling, mortising and planing due to tearing and splintering of the relatively soft early-wood.

Care must be taken in finishing, but good results can be obtained. It can be glued satisfactorily, and although tending to split, can be nailed and screwed.

Timbersource are a leading online timber merchant in the UK, supplying European Douglas Fir timber to the joinery, carpentry, construction, retail and building trade at competitive prices. To contact us, [Click Here](#).



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