

CANADIAN OREGON

Version 2

STANDARD TRADE NAME	Douglas Fir, Oregon
BOTANICAL NAMES	Pseudotsuga menziesii
DISTRIBUTION	Oregon extends from the Rocky Mountains to the Pacific Coast, and from Mexico to central British Columbia. Production comes from Oregon, Washington and British Columbia.
APPEARANCE	Pinky brown with occasional yellow margins. Douglas Fir has prominent growth rings and distinctive figured grain.
PHYSICAL PROPERTIES	*520-560 Kg/M ³ air dry. Straight grained and resinous, Douglas Fir is renowned for a most favourable strength weight ratio, hence its use for interior beams and spars. Coming from tall slender trees, and often clear of branches to the first 20 metres, long lengths clears are usually available
DURABILITY	Heartwood is moderately durable but resistant to preservative treatment – applications in interior or semi-protected areas is advised.
SEASONING	The slower grown imported product dries rapidly with little distortion though some checking might occur in large beam stock unless end sealed and wrapped after dressing to slow down the drying process. Some surface checking in larger beams is inevitable in areas of NZ with low humidity.
WORKING & FINISHING PROPERTIES	Care is needed to avoid raised grain due to dull knives, particularly in younger pieces. Old growth generally finishes well and takes stain and glue, generally with good results.
USES	Imported Douglas Fir or Oregon has been used in NZ for specialty end uses since colonial times. Masts, oars, ladders, window joinery doors, beams, boat-building and plywood are normally made with Douglas Fir. New Zealand grown Douglas Fir has been consistently used for roof trusses, framing, laminated beams and ceiling sarking, making good use of its distinctive grain and colour despite being fast grown in the NZ conditions. Supplies of quality Douglas Fir are plentiful and are priced attractive rates, particularly in the commercial tight knot grades.

Disclaimer:

JSC has endeavoured to ensure this information is accurate but recommends that for critical applications independent advice is obtained. These properties are only a guide, as timber is a natural product there will be variations within any species.

* Air dry density (kg/m³) is average indication only and actual value may vary

This information may be updated at any time.

Profiles, fixing details and documentation available by request at

specification@jsctimber.co.nz

ph: 0800 572 688