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WHIPPLETREE PRODUCT INFORMATION & SPECIFICATION SHEET

Construction Oak

GREEN OAK EUROPEAN

Description

Ex Stock - can be collected within a few days. Price is based on standard sections and lengths but we can cut from logs at a little higher cost.

Ex Mill - is available within 2-3 weeks from order, provided that there is a reasonable volume of say 5 cubic metres (1m³=35.315cuft).

Technical Specifications – Green Oak European

Lengths	Any length up to 6m or longer to special order
Sections (MM)	150x75, 150x100, 150x150, 225x75, 225x100, 225x150, 225x225, 175x175, 200x200 other sizes to special order
Colour	Light off white through to a mid-brown
Grade	Grade One (the usual grade for construction) Can be Graded to BS5756 D30 and D40 strength class
Knot size	Live knots up to 50% of the sectional face width. Dead knots that are sound (i.e. without holes) are acceptable
Sap	Not regarded as a defect and may have worm holes showing that could be active (see recommendations for treatment)
Wane	A small amount allowance on two edges
Availability	Next day collection (subject to size and availability)
Cracks & Splits	Provided that they are not going to structurally affect the piece they are acceptable
Tolerances	Due to the tension and weight of the logs sawn cutting tolerances can be up to + or – 10mm
Moisture Content	Fresh sawn up to 65%
Weight	0.9m ³ per Tonne
Surface Finish	Generally fine sawn (can be planed – special order)



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Other Important Factors

Due to natural tension in the timber, long rectangular sections, sections below 150mm square, and very long lengths i.e. over 5.40m, in other words long thin sections, may have a slight 'bow' in the length which will require straightening at the stage of fixing on site.

We can also supply Grade A which has knots up to 33% of the sectional face to special order.

Green Oak can be supplied sap free to special order.

Warnings/Cautions/Recommendations

Green Oak due to its unseasoned state will shrink, twist and crack. Always bear this in mind when planning or designing. The use of traditional joining methods is always the safest way to combat the movement, but always allow to 'make good' any finishes 12-18 months later.

The sapwood on Oak is not durable and is subject to insect infestation unless treated with approved preservatives. This will not affect the structural capabilities of the oak but the holes and 'frass' (dust produced by the boring beetle) can be unsightly and may cause concern to the customer. Use of approved preservative will ensure that this is not a problem.

With ALL timber products, treatment in advance is always the best advice.



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Custom Ordering Advice

Whilst on the subject of saving money, it is always more cost effective to order your full requirements in one order rather than ordering a few lengths as and when you need them.

Always order the length you will be using, do not add lengths together and order the longer lengths as longer lengths are more expensive per metre. In other words, you will save money if you order two 3.00 metre lengths rather than one 6.00 metre length which you then cross cut to two 3.00 lengths. Always try to give us the cutting list you actually need to do the job and we will find the most cost effective way to supply it to you.

Small sections, particularly if they are long, are very difficult and expensive to produce – anything below 75mm is best supplied as Air Dried.

Commonly Asked Questions

WHAT WOULD BE THE PRICE COMPARISON BETWEEN GREEN AND AIR DRIED CONSTRUCTION OAK?

There is not a set % difference as it will depend on what Air Dried Oak is available and what wastage may be incurred in cutting to the size required. If we have to use a longer length or larger section, this will increase the difference between the Green volume and the Air Dried volume. Just put your enquiry through to us and we will happily provide an alternative quotation on Green and Air Dried if requested.



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Commonly Asked Questions (CONTINUED)

CAN YOU PROVIDE TRACEABILITY FOR THE EUROPEAN OAK?

No we cannot. However, if you order English Oak, then yes we can. Whippletree record the history of the English Oak, from the woodland where it was born, through the process of seasoning, drying, machining, cutting and finishing, right up to delivery to site. The history is available as a certificate which can be presented to clients as a history of the English Oak used in their project

ARE TECHNICALLY PROFICIENT STAFF AVAILABLE FROM WHIPPLETREE TO VISIT SITE?

Yes indeed, we have a wealth of experience in the timber industry and welcome requests to meet with you or your clients to give advice where required

Architects Specifications:

(Please copy and paste into your specifications)

European Green Sawn Oak construction beams to be used will be of structural quality with minimum sapwood and have heartwood that is free from decay and live worm holes.

Sections above 150x150mm will be 'Boxed Heart'. No live insect attack or decay allowed.

The timber is available from Whippletree (Tel: 01763 208966).