

# Product Guidelines

## European Oak Timber Grades

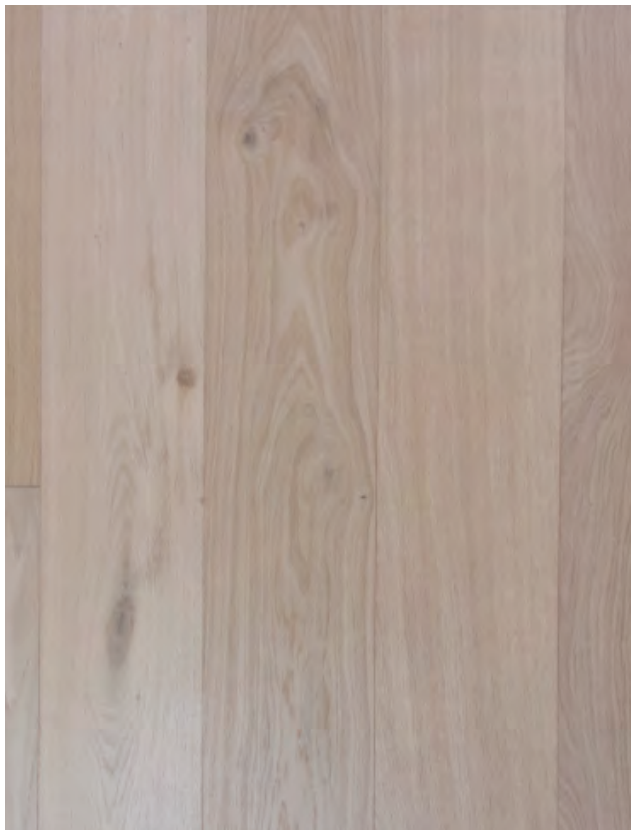


### AB Grade

AB Grade (Standard/Better) is a mixture of A & B-grade timber with planks that are clean and have fewer and smaller knots & features. Heartwood and colour variation in the timber is to be expected and may consist of some checks (cracks across the growth rings), Sapwood and filler. The colour of the filler was selected to complement the oak wood rather than to match it exactly and it may vary from batch to batch.

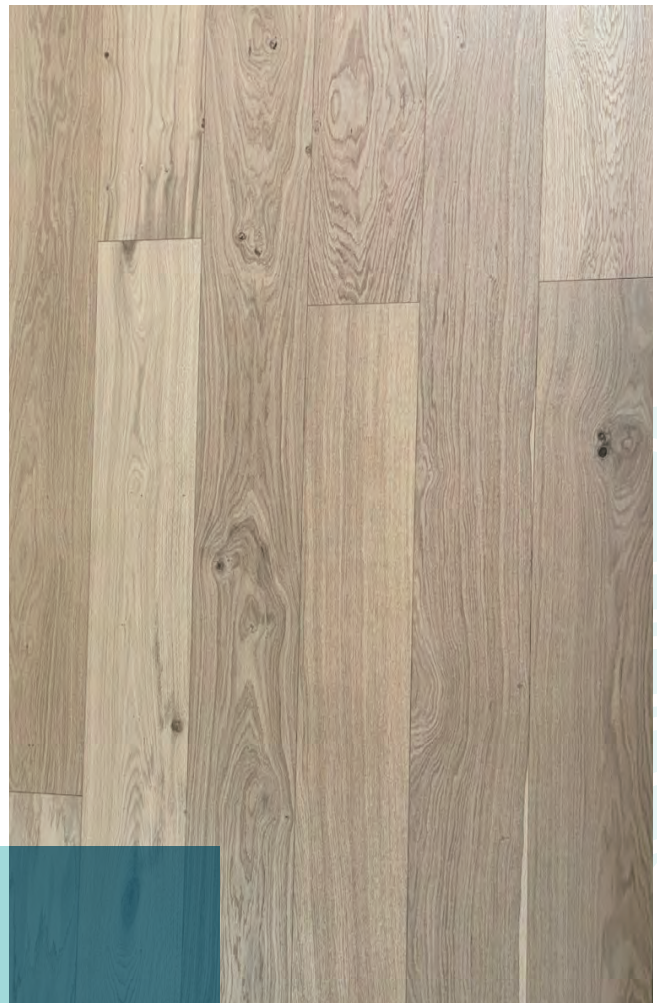
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### ABC Grade

ABC Grade (Standard) will have slightly larger knots and features than AB Grade. This grade includes both Sapwood and Heartwood and has a wider range of colour variations in the timber should be expected and may consist of some checks (cracks across the growth rings), sapwood and filler. The colour of filler is carefully selected to complement the oak wood rather than match it exactly and it may vary from batch to batch.



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### ABCD Grade

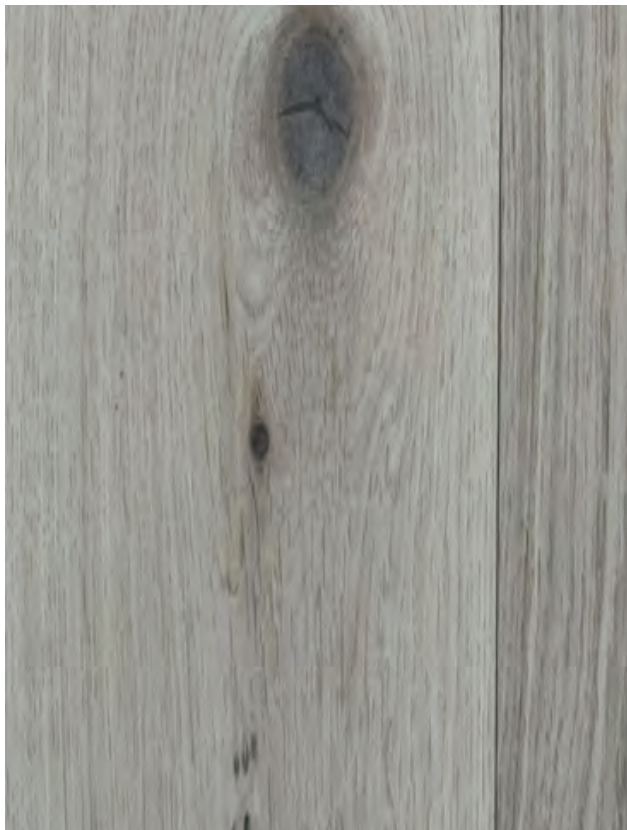


ABCD Grade (Character) is a blend of A, B, C and D. This Grade Feature will have more & larger knots and features than ABC Grade. This consists of Heartwood, there will be natural colour variation, Sapwood and filler. You should also expect checks (cracks between the rings) The colour of the filler is carefully selected to complement the wood rather than to match the board exactly and it may vary from batch to batch.



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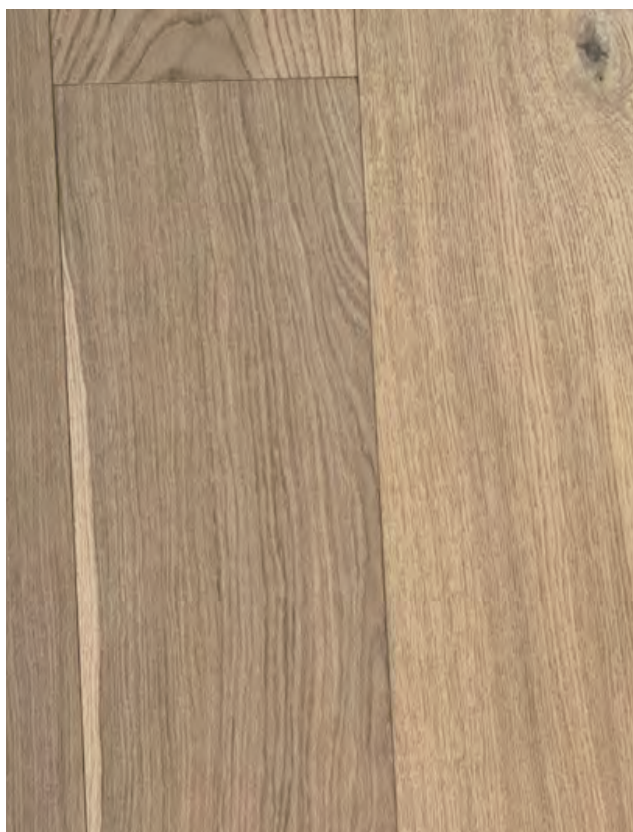
### Knots & Fillers

A knot is either the base of a side branch or a dormant bud around which the grain flows. A knot is sometimes replaced by filler and this may be of various colours: white, grey, brown and black are shown here.



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### Sapwood

Sapwood is the living part of the tree through which water and sap flow. It tends to be lighter in colour than the Heartwood. Certain fuming, smoking and colouring processes emphasise it since it doesn't react to these treatments to the same degree. By definition, Sapwood contains more moisture, however, this is no cause for concern since all Ocean Range timber has been carefully dried and its stability is ensured when supplied in an engineered form

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### What to expect from Ocean Range European Oak Flooring Grades:

European Oak flooring is sourced from managed forests throughout Europe. We use the finest machining techniques to utilise the majority of the trees to avoid wastage. We show what is likely to be the 'worst case' in terms of knot size and many individual planks will fall well within this. But please remember that, since they are usually selected by eye, there is always scope for an occasional board to fall outside of these parameters. Part of the beauty of wood is that every plank is unique, so our criteria are merely a guide, given in good faith and to the best of our knowledge.



### Medullary Rays, Checks & Shakes

These white, ribbon-like medullary rays are an indication that the plank has been crafted from quarter-sawn timber. Checks and shakes usually occur at the end of a board and may be cut off.