

KILN DRIED OAK SQUARE EDGE BOARDS

GRADE:	PRIME	JOINERY	CHARACTER
FRENCH / EUROPEAN GRADE EQUIVALENT	Some QFA, Mostly Q-F1a, Some Q-F1b	Mostly QF-1b, some QF2, small amount of QF3	Mostly QF3, some QF4
LENGTH	Maximum size or extent permitted of features per one meter in length		
FULLY AND PARTLY INTER-GROWN KNOTS ¹	Tolerance on each face of two intergrown sound knots of 12mm maximum diameter per linear meter	Presence on each face of small knots without limitation and of a maximum of three sound knots per linear meter. Maximum diameter not to exceed half of the width or 40mm or equivalent	Presence on each face of small knots without limitation and of a maximum of three sound knots per linear meter. Maximum diameter not to exceed half of the width or 70mm or equivalent
NON INTERGROWN, DEAD OR ROTTEN KNOTS	Not permitted	1 dead or unsound knot permitted (smaller than 15mm)	2 dead or unsound knots permitted. One smaller than 20mm and one smaller than 35mm
CHECKS	Not permitted	Occasional surface checks permitted	Permitted up to 100mm lengths.
SHAKES	Not permitted	Not permitted	Permitted if solitary
COLOUR	Consistent colour across the board	Consistent colour across the board	No Restrictions
GRAIN	Straight or nearly straight ²	Course grain and minor sloping grain permitted ²	No restrictions provided the appearance and mechanical properties are sound and suitable for use
BARK POCKETS	Not permitted	Not permitted	No restrictions provided the appearance and mechanical properties are sound and suitable for use
INSECT ATTACK	Not permitted	Not permitted	Not permitted
WARP	No more than 1% of the width - Flat / Straight	No more than 1% of the width - Flat / Straight	No more than 1% of the width - Flat / Straight
WANE	Not permitted	Not permitted	Not permitted
SAPWOOD	Not permitted	Permitted up to 10% of board face	Permitted up to 20% of board face
ROT	Not permitted	Not permitted	Not permitted
MICRO CRACKS / HAIRLINE CRACKS	Not permitted	Not permitted	Permitted if solitary
SCRATCHES	Less than 1 mm deep	Less than 1 mm deep	Less than 1 mm deep

1 - Knot sizes are given as the diameter or, for oval knots, the average of the largest and smallest width. Occasional pin knots below 5mm diameter are not considered.

2 - Wavy grain is accepted provided that it can be regarded as a special decorative feature and will not limit the performance of the piece in its intended use



FORESTRY

KILN DRIED OAK WANNEY EDGE BOARDS

FEATURES	PRIME	JOINERY	CHARACTER
LENGTH	Minimum 2 metres		
WIDTH OF TOP FACE	Minimum 160 mm on whole face		
PRESENCE OF HEART WOOD ON TOP FACE	Minimum 160 mm on whole face; sapwood is not taken into account in volume	Minimum 100 mm on whole face	Minimum 75% of the face
PIN KNOTS	Knots ≤ 5 mm maximum 8	Without restrictions	Without restrictions
CAT'S PAW	Not permitted	Permitted Treated as sound knots	Permitted Treated as sound knots
SOUND, INTERGROWN OR PARTIALLY INTERGROWN KNOTS	Permitted on edges, if the board after reduction will have at least 160mm in width excluding sapwood and 2 m in length	Max. diameter 25mm Sum of knots from 6 mm to 25 mm ≤ 40 mm	Max. diameter 1/4 of board width Sum of knots $\leq 1/2$ board width
NOT INTERGROWN, DEAD OR ROTTEN KNOTS	Not permitted	Permitted on edges, if the board after reduction will have at least 160 mm in width and 2 m in length	One knot, with max. diameter ≤ 40 mm
SHAKES AND CHECKS ON FACE	Not permitted	Permitted with reduction	Permitted if solitary
END CHECKS / SPLITS	Permitted with length reduction	Permitted up to 100mm lengths. Longer than 100mm permitted with width or length reduction	Permitted up to 200mm lengths. Longer than 200mm permitted with width or length reduction
RING SHAKES	Not permitted	Not permitted	Not permitted
BARK POCKETS	Not permitted	Permitted if solitary ≤ 40 mm length	Max. length $\leq 1/2$ width of board
UN SOUND SAPWOOD	Permitted with width reduction	Permitted with width reduction	Permitted with width reduction
INCLUDED SAPWOOD	Not permitted	Not permitted	Not permitted
ROT	Not permitted	Not permitted	Not permitted
INSECT ATTACK IN SAPWOOD	Not permitted	Permitted with width reduction	Permitted with width reduction
INSECT ATTACK IN HEART WOOD	Not permitted	Not permitted	Permitted with width reduction
MICRO CRACKS / HAIRLINE CRACKS	Not permitted	Not permitted	Permitted if solitary
SCRATCHES	Less than 1 mm deep	Less than 1 mm deep	Less than 1 mm deep
PITCH	Permitted with width reduction if after reduction board still has 160 mm width without sapwood on each side	Permitted with width reduction if after reduction board still has 100 mm width without sapwood on each side	Permitted with width reduction if after reduction board still has 80 mm width without sapwood on each side
SPLITS / MECHANICAL DEFECTS	Not permitted	Permitted with reduction	Permitted with reduction
DISCOLOURATION	Not permitted	Not permitted	Not permitted
STRUCTURE OF GRAIN	Straight grain; homogenous arrangement	Straight grain	Without restrictions