

# GRADING OAK Beams

## QPA



Sawn timber with sharp edges, no wane, with tolerance of small quantities of sound sapwood on two edges maximum, if it covers less than 15% of the width of the faces and the edges.

Slight traces of heart on one face tolerated.

Enclosed heart permitted, black streaks tolerated on 10% of the pieces of the batch.

Sound knots are permitted, as long as the diameter of each one does not exceed one third of the width of the face or edge.

Two sound dead knots with a diameter of < 15 mm per metre are permitted.

Not acceptable: heart shakes, ring shakes, frost cracks, curly grain, bark pocket, enclosed sapwood, stain, bore holes, red heart, brown rot.

Slope of grain < 7% permitted on one face and must not exceed 10%.

Face shakes tolerated.

## QP1



Sawn timber with sharp edges, no wane, with tolerance of small quantities of sound sapwood on two edges maximum if the minimum width exceeds 90% of the width of the piece.

Sound sapwood not exceeding half the width of the face or the edges is accepted on the edges.

Slight traces of heart tolerated on two faces.

Enclosed heart permitted, red heart permitted.

Sound knots are acceptable, as long as their diameter does not exceed one half of the width of the face or edge.

Two sound dead knots are permitted per linear metre as long as their individual diameter does not exceed one quarter of the width of the face or edge.

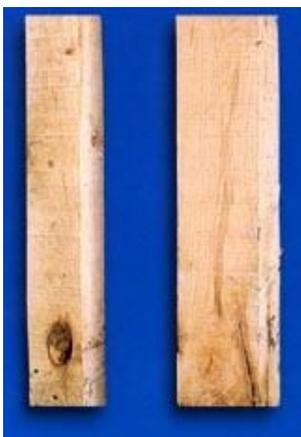
On 10% of the pieces of the batch black streaks, brown rot, curly grain, bark pocket can be present. Some black bore holes can be accepted.

Slope of grain < 12% permitted on one face and must not exceed 20%.

Heart shakes, ring shakes and frost cracks are permitted on the ends of the pieces, as long as they do not appear on the faces.

Face shakes tolerated.

## QP2



Sawn timber with tolerance of wane without limitation, leaving, on the faces and edges, a width of at least 60% of nominal.

Sound sapwood permitted without limitation.

Unsound sapwood is permitted on the edges to the same degree as wanes.

The only defect not acceptable is the presence of dead knots whose individual diameter exceeds one third of the width of the face or edge.

Black bore holes are permitted.

Deterioration caused by fungus attack is not acceptable on the faces.

Unsound or rotten knots are tolerated.

Slope of grain <18% permitted on one face and must not exceed 25%.

Not acceptable: stain and rot.

Face shakes of maximum 10 cm permitted.