



**KAINDL**

**BOARDS. FLOORS. IDEAS.**

# Oak **with small knots**

**Typical features** and characteristics



## Oak with small knots

Veneer thickness 0.6 mm



### Sound Knot - Pruned Rose - Knot Clusters

Cross - section of a shoot (branch), which is intergrown with the surrounding wood and which determines the characteristics of the rustic elements of a wood species. Cracks in the knots are backed with black glue. The number and size of knots can only be controlled to a limited extent; a well-balanced mix is achieved by optimum preparation of the veneer sheets.



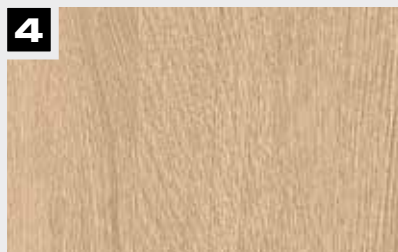
### Knotholes and Small Cracks

Knots can break out of the sheets due to subsequent drying of the wood as well as manipulation of the veneers, creating an open defect. Cracks can also sometimes occur in the knots. These open defects are normally hardly noticeable, and do not need to be reworked. For this reason, we bond the veneers with transparent glue. It would also be possible to back the veneer with black film. The black film then also lends the minimum cracks and loose knots an aesthetic background colouring with depth effect. In rare cases, these open defects can be max. 15 mm in diameter.



### Colour Variation

If prepared well, the shades of colour in the individual „stems or baulks“, some highly distinctive, are mitigated and shown with positive effect due to the “plank character” type of jointing; A play of colours remains unavoidable and is evidence of the vibrancy and uniqueness of the raw material.



### Medullary Rays

Medullary rays of oak (also called „silver figure“) are characterised by their particular gloss. Even after classic surface treatments, this gloss is retained, and in some cases, it is even enhanced. During pregrading, attention is paid to the technically defects-free quality of the silver figure.

## General Information

Oak with small knots has smaller knots, knot clusters and rose knots. The minor defects are backed, preferably with black film, on request (blackback). The uniform distribution of the knots over the entire area is largely achieved by mixing 6 to 8 different veneer sheets. The mixing of packs, as described above, also produces a certain play of colours. If special colour requirements exist, these must be clarified with the responsible Kaindl employee before placing the order. Stem matching with plank character on one side can also be offered. By mixing largely knot-free packs with knotty packs of veneer, a more muted overall appearance can be achieved. This kind of production is only possible for projects with larger quantities.

## Summary

Rustic wood figures have a common denominator - their uniqueness. Due to the special nature of the source materials, the frequent features listed above are added to due to colour changes in the wood and other factors. If the customer wants to minimise individual features for their personal design or, on the contrary, to maximise these, please speak with your specialist adviser before placing an order. They will inform you competently about possible implementation.

Kaindl samples are supplied automatically from the sample stock, without consideration of the wood's texture or colouring. These samples represent the characteristics of the respective wood species; however, they do not establish any automatic claim to the appearance and quality of panel deliveries. The selection for projects takes place separately, after consultation with our relevant department.