

# BOEN gradings

*Wood is a natural product. Some types of wood – beech, for example – have a relatively calm grain. Others, like oak, are rich in structure, with a spectrum of calm to rustic. We offer a wide selection for you to choose from.*



## CALM

Calm, selected grading, even growth and medium knots. Standing and lying annual rings.



## LIVELY

Natural grading with small to medium knots; a limited spectrum of colours due to sapwood.



## RUSTIC

Structure and vivid growth; larger knots; sapwood and heartwood; a rich spectrum of colours.

	CALM	LIVELY	RUSTIC
<i>Select, Adagio</i>	████████████████████		
<i>Andante, Nature</i>		████████████████████	
<i>Finale, Concerto, Contract, Basic</i>		████████████████████	
<i>Animoso, Country, Vivace, Rustic, Traditional</i>			████████████████████
<i>Marcato, Baltic</i>			████████████████████
<i>Vivo, Canyon</i>			████████████████████
<i>Espressivo</i>			████████████████████

BOEN products are graded according to the free class (BOEN Class) in accordance with EN 13489. Cracked knots are filled with putty, so small gaps between the putty and wood may appear.

**Wood is a product of nature** – each tree has its own structure and individual colour combination. An image or a sample will therefore never be able to give you a complete picture of the finished floor. Please also note that the colour may change when exposed to light. As a guideline, darker wood species will get a more golden tone, whereas lighter species will become slightly darker.

# Animoso

## Grading explanation



### Knots, permitted:

- ▶ Cracked knots up to 6cm (diam.)
- ▶ Solid (healthy) knots up to 6cm (diam.)
- ▶ Knots (filled) up to 3cm (diam.)  
max. 3 knots per plank
- ▶ Knots on the edge
- ▶ Continuous splits or ingrowing bark,  
max. 15cm in length, max. 5mm in  
width (2 per board)
- ▶ Smaller splits, max. 3cm length
- ▶ Solid pith
- ▶ Cat spots

### Sapwood / colour variations permitted:

- ▶ No sapwood allowed \*
- ▶ Moon rings permitted

### Colour differences permitted:

- ▶ Middle variations in colour
- ▶ Occasional light watermarks
- ▶ Dark ends

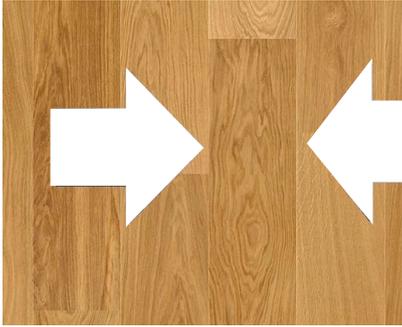
### Wood structure permitted:

- ▶ Mirror / pith grain
- ▶ Quartersawn and riftsawn board texture
- ▶ Occasional insect holes and wormholes  
(max. 5 / board)

\*The Animoso Mix grading can naturally contain sapwood and discolouration, which may be reduced by the pigmentation colour within the surface finish. Following colours are using this grading: Oak Grey Pepper, Grey Harmony, Horizon, India Grey, Brazilian Brown, Soft Brown, Medium Grey, Fresh White, Oak Semi Smoked, Oak Semi Smoked white.

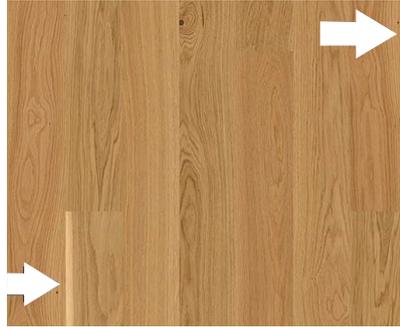
# General

## *Oak characteristics*



**Key Characteristics:**

- ▶ Quartersawn and riftsawn board texture



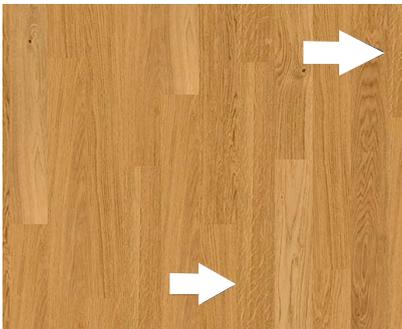
**Key Characteristics:**

- ▶ Sapwood



**Key Characteristics:**

- ▶ Moon rings



**Key Characteristics:**

- ▶ Mirrors



**Key Characteristics:**

- ▶ Knots, sound and intergrown



**Key Characteristics:**

- ▶ Splay knots and dead (not intergrown) knots



**Key Characteristics:**

- ▶ Cracked knots



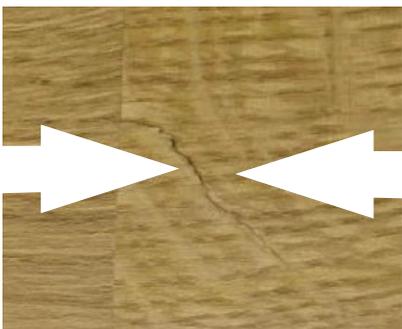
**Key Characteristics:**

- ▶ Cat spots



**Key Characteristics:**

- ▶ Ingrowing bark



**Key Characteristics:**

- ▶ Lightning shake