

WHALEBONE PLANK FLOORS

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Junckers solid hardwood whalebone planks are produced in short lengths making them suitable for pattern floor installations, e.g. herringbone.

The planks are made as one whole floor board, tongued and grooved on all four sides. The planks are available as right- and left hand staves.

PRODUCT DATA / TOLERANCES

Nominal board dimensions:

Thickness x width x length

- 20.5 x 140.0 x 701 mm

- 20.5 x 185.0 x 741 mm

- 15.0 x 129.0 x 775 mm

Tolerances:

Thickness: (±0.2 mm)

Width, 15x129 mm: (±0.4 mm)

Width, 20.5x140/185 mm: (±0.5 mm)

Length: (±0.2 mm).

Drying method:

The floorboards are kiln dried.

Average moisture content, MC:

Oak: 8% (±2%).

Black Oak: 9% (±2%).

NH₃ treatment of Black Oak means that MC can't be measured by using a conventional moisture meter but must be measured by the "dry weight method".

Landing Deviation: 0.2 mm (0.3 mm in localised areas).

Floorboard ends: Right angled at ±0.3 mm.

PRODUCT RANGE

Wood Species / Product name	Grade	Surface
Oak	Harmony	Ultra matt lacquered Silk matt lacquered Oiled Untreated Coloured* Textured* Textured & coloured*
Black Oak	Harmony	Ultra matt lacquered Oiled Untreated Textured* Textured & coloured*

*According to standard product range

TECHNICAL PROPERTIES

Resistance to Indentation

All Oak products: Approx. 3.4 Hardness Brinell

Slip Resistance, (preliminary):

Factory lacquered and oiled: Approx. 0.4 (DIN 18032/2)

Fire Classification, (DIN EN 13501-1):

Surface treated: C_{fl} – S₁

Untreated surface: D_{fl} – S₁

Thermal Conduction, (Transmission coefficient):

Approx. 0.17 W/mK

Heat Resistance:

20.5 x 140.0 x 701 mm: Approx. 0.12 m² K/W

20.5 x 185.0 x 701 mm: Approx. 0.12 m² K/W

15.0 x 129.0 x 775 mm: Approx. 0.09 m² K/W

Light reflection value (LRV) BS 8493:200+A1:2010		
	Ultramatt	Silkmatt
Oak	27	26
Oak Nordic	30	-
Black Oak	7	-

FACTORY SURFACE TREATMENT

LACQUERED

Oak, ultra matt and silk matt:

Priming: Several coats of UV-light curing primer.

Top finish: Two-component polyurethane lacquer.

Total film thickness: Min. 40 µ.

Oak Pearl:

Priming: Water based transparent stain.

Intermediate treatment: Several coats of UV-light curing lacquer.

Top finish: Two-component polyurethane lacquer, ultra matt.

Total film thickness: Min. 40 µ.

Black Oak:

Pre-treatment: NH₃-treatment to achieve the dark colour.

Intermediate treatment: Several coats of UV-light curing lacquer.

Top finish: Two-component polyurethane lacquer, ultra matt.

Total film thickness: Min. 40 µ.

Oak, other colours:

Priming: Coloured stain.

Intermediate treatment: UV-light curing lacquer.

Top finish: Several coats of two-component polyurethane lacquer, ultra matt.

Total film thickness: Min. 40 µ.

OILED

Priming: Surface saturation using oxidative drying urethane oil.

Top finish: Oxidative drying urethane oil.

Total oil consumption: Addition to a full surface saturation.

UNTREATED

Final sanding to grit 150.

PACKING AND WEIGHT

Wrapped in LDPE plastic.

20.5 x 140.0 x 701 mm

Packsize: 12 boards (1.18 m²)

Weight per pack: 17.3 kg (14.7 kg/m²)

20.5 x 185.0 x 741 mm

Packsize: 8 boards (1.10 m²)

Weight per pack: 16.2 kg (14.7 kg/m²)

15.0 x 129.0 x 775 mm

Packsize: 16 boards (1.60 m²)

Weight per pack: 19.20 kg (12.0 kg/m²)