

PRODUCT INFORMATION - WHALEBONE PLANKS

Commercial / Residential

PRODUCT DESCRIPTION

Junckers solid whalebone planks are factory finished and ready to install.

The planks are made as one board and tongued and grooved on all four sides.

The planks are available as right- and left hand staves.

The products are available in two different sizes, see [Product Data / Tolerances](#), and are awarded with **Danish Indoor Climate Label**.

PRODUCT DATA / TOLERANCES

Nominal Board Dimensions:

Type 1

Thickness: 20.5 mm (± 0.2 mm)

Width: 140.0 mm (± 0.2 mm)

Length: 701 mm (± 0.2 mm).

Type 2

Thickness: 15.0 mm (± 0.2 mm)

Width: 129.0 mm (± 0.2 mm)

Length: 775 mm (± 0.2 mm).

Drying Method:

Boards are kiln dried.

Moisture Content:

Oak: 8% ($\pm 2\%$).

Black Oak: 9% ($\pm 2\%$).

Precision Engineering:

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

Board ends are right angled at ± 0.3 mm.

PRODUCT RANGE

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

*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): C_{fl} – S₁

Thermal Conduction, (Transmission coefficient): Approx. 0.17 W/mK

Heat Resistance:

Type 1: Approx. 0.12 m² K/W

Type 2: Approx. 0.09 m² K/W

FACTORY SURFACE TREATMENT

Lacquered

Oak:

Priming: Several coats of UV-light curing primer.

Top finish: Two-component polyurethane lacquer, silk- or 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.

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 polythene.

Type 1:

Packsize: 14 boards (1.37 m²)

Weight per pack: 20.2 kg (14.7 kg/m²)

Type 2:

Packsize: 8 boards (0.80 m²)

Weight per pack: 9.60 kg (12.0 kg/m²)