

SOLID HARDWOOD PLANK FLOORS PRODUCT INFORMATION

PRODUCT SPECIFICATION

Junckers solid hardwood planks are factory finished and ready to install in accordance to Junckers Laying Instructions. A plank is made as one whole floorboard and is along the length of the board provided with a bevelled edge of approx. 0.5 mm. Each plank is tongued and grooved on all four sides.

PRODUCT DATA

Nominal plank dimensions:

Thickness x Width:

15 x 129 mm
20.5 x 140 mm
20.5 x 185 mm

Length 15 x 129 mm:

2500 / 2400 / 2200 / 2100 / 2000 / 1800 / 1600 / 1500 / 1200 / 800 / 600 mm (± 1.0 mm).

Length 20.5 x 140/185 mm:

3000* / 2700* / 2400 / 2100 / 1800 / 1500 / 1200 / 900 / 600 mm (± 1.0 mm).

* Not Black Oak

Tolerances, thickness and width:

Thickness, 15 and 20.5mm (± 0.2 mm)
Width: 15 x 129 mm (± 0.4 mm)
Width: 20.5 x 140/185 mm (± 0.5 mm)

Drying method: Kiln dried.

Average moisture content, MC:

Oak: 8 % (± 2 %).
Black Oak: 9 % (± 2 %).

Other tolerances:

Landing deviation: 0.2 mm (locally, up to 0.3 mm).
Plank ends: Right angled ± 0.3 mm.

PRODUCT RANGE

Thickness/width/Woodspecies	Grade	Surface	Product variants
15 x 129 mm oak 20.5 x 140 mm oak	Classic, Harmony Variation	Ultra matt lacquered Silk matt lacquered Oiled Untreated	Colours and texture ¹⁾ Shipsdecking ²⁾ Whalebone ³⁾
20.5 x 185 mm oak	Harmony	Untreated	
15 x 129 mm Black Oak 20.5 x 140 mm Black Oak	Harmony Variation	Ultra matt lacquered Oiled Untreated	Texture ¹⁾ Shipsdecking ²⁾ Whalebone ³⁾
20.5 x 185 mm Black Oak	Harmony	Untreated	

- 1) See possibilities in the Product Selector at the web site.
- 2) See section "Ships decking".
- 3) See section "Whalebone/Herringbone Planks".

SHIPSDECKING

Strip made of foamed PVC with closed cells to absorb natural movements in the hardwood floor, see fig. 1.

The strip measures 3x8 mm and installed it provides a 2 mm wide joint, which varies over the year according to changes in the relative humidity.

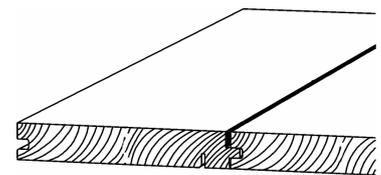


Fig. 1

WHALEBONE / HERRINGBONE PLANKS

Junckers plank floors are also available as patterned floors. This means that the floorboards are cut to fixed lengths and are delivered in a right- and left-handed version. This enables installation in different patterns, e.g. herringbone. Whalebone is delivered surface treated from the factory.

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: Length: +/- 0.2 mm. Thickness and width as described at page 1.

Product range (wood species and surface treatment): See options in the Product Selector at the web site.

TECHNICAL PROPERTIES

Resistance to Indentation (indicative values):

All variants: Approx. 3.4 Hardness Brinell

Slip Resistance (indicative values):

Oiled and lacquered: Approx. 0.4

Fire Classification, (EN 13501-1):

Surface treated: C_{fl} – S₁

Untreated: D_{fl} – S₁

Thermal Conduction: Approx. 0.17 W/mK

Heat Resistance:

20.5 mm: Approx. 0.12 m² K/W

15 mm: Approx. 0.09 m² K/W

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

Substances on the candidate list (ECHA)

Junckers wooden floors do not contain SVHC substances (Substances of Very High Concern) listed on the candidate list amounting to more than 0.1 %. The candidate list registers particularly problematic substances in relation to human health and the environment. (<http://echa.europa.eu/candidate-list-table>).

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

15 x 129 mm:

Wrapped in LDPE plastic and cardboard.

Falling board lengths from 600-2500 mm.
Each pack contains 6 layers of planks.
A pack may contain up to 50 % planks in lengths shorter than 1500 mm.

Delivery happens in a mix of pack lengths, as indicated below.

Pack length / Number of m² per pack:

1500 mm / 1.16 m²
1600 mm / 1.24 m²
1800 mm / 1.39 m²
2000 mm / 1.55 m²
2100 mm / 1.63 m²
2200 mm / 1.70 m²
2400mm / 1.86 m²
2500 mm / 1.94 m²

Weight: All variants 12.06 kg/m²

20,5 x 140 mm:

Wrapped in LDPE plastic and cardboard.

Falling board lengths from 600-3000 mm.
Each pack contains 6 layers of planks.
1 layer may contain a mix of the standard lengths.

Delivery happens in a mix of pack lengths, as indicated below.

Pack length / Number m² per pack:

1500 mm / 1.26 m²
1800 mm / 1.51 m²
2100 mm / 1.76 m²
2400 mm / 2.02 m²
2700mm* / 2.27 m²
3000mm* / 2.52 m²
* Black Oak is not available in this length.

Weight: All variants 16.02 kg/m²

20,5 x 185 mm:

Wrapped in LDPE plastic and cardboard.

Falling board lengths from 600-3000 mm.
Each pack contains 6 layers of planks.
1 layer may contain a mix of the standard lengths.

Delivery happens in a mix of pack lengths, as indicated below.

Pack length / Number of m² per pack:

1500 mm / 1.11 m²
1800 mm / 1.33 m²
2100 mm / 1.55 m²
2400 mm / 1.78 m²
2700 mm* / 2.00 m²
3000 mm* / 2.22 m²
* Black Oak is not available in this length.

Weight: All variants: 16.02 kg/m²

Whalebone, 15 og 20.5 mm

Wrapped in LDPE plastic.

20.5 x 140.0 x 701 mm

Pack size: 12 boards (1.18 m²)

Weight per pack: 17.3 kg (14.7 kg/m²)

20.5 x 185.0 x 741 mm

Pack size: 8 boards (1.1 m²)

Weight per pack: 16.2 kg (14.7 kg/m²)

15.0 x 129.0 x 775 mm

Pack size: 16 boards (1.60 m²)

Weight per pack: 19.2 kg (12.0 kg/m²)