

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.

Length 20.5 x 140/185 mm:

Nature: 600-2800mm (100mm interval)
All other grades: 3000* / 2700* / 2400 /
2100 / 1800 / 1500 / 1200 / 900 / 600
mm.

* Not Black Oak

Tolerances, thickness and width:

Thickness: ± 0.2 mm
Width: 15 x 129mm: ± 0.4 mm
Width: 20.5 x 140/185mm: ± 0.5 mm
Length: ± 1.0 mm
Landing deviations/lipping: 0.3mm
Plank end squareness: ± 0.3 mm

Drying method: Kiln dried.

Average moisture content, MC:

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

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.

We do not recommend shipsdecking for Glue Down System.

PRODUCT RANGE

| Thickness/Width/Woodspecies | Grade | Surface | Product Variants |
|--|----------------------------------|--|--|
| 15 x 129 mm Oak 20.5 x 140 mm Oak | Classic, Harmony Variation | Ultra mat lacquered Silk matt lacquered Nordic Oiled Untreated | Coloures and texture ¹⁾ Shipsdecking ²⁾ Whalebone ³⁾ |
| 20.5 x 185 mm Oak | Harmony | | |
| 20.5 x 140mm Oak Nature | Nature | Ultra mat lacquered Silk matt lacquered Nordic Untreated | Colours and textured ⁴⁾ Shipsdecking ⁴⁾ |
| 15 x 129 mm Black Oak 20.5 x 140 mm Black Oak | Harmony Variation | Ultra mat lacquered Oiled Untreated | Texture ¹⁾ Shipsdecking ²⁾ Whalebone ³⁾ |
| 20.5 x 185 mm Black Oak | Harmony | | |

1) See possibilities in the Product Selector at the web site.

2) See section "Ships decking".

3) See section "Whalebone/Herringbone Planks".

4) Minimum order quantity 250 m²

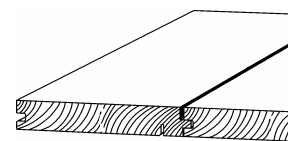


Fig. 1

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: several coats of UV.

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

15 x 129 mm:

Wrapped in LDPE plastic and cardboard.

Random length boards 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

Whalebone, 15 & 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)

20,5 x 140 mm:

Wrapped in LDPE plastic and cardboard.

Random length boards 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 140 mm Oak Nature:

Wrapped in LDPE plastic and cardboard.

Random length boards from 600-2800 mm. Each pack contains 4 layers of planks.
 1 layer may contain a mix of the standard lengths.

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

20,5 x 185 mm:

Wrapped in LDPE plastic and cardboard.

Random length boards 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

20.5 x 140 mm Oak Nature

Pack length / Number m² per pack:

1500 mm / 0.84 m²
 1600 mm / 0.90 m²
 1700 mm / 0.95 m²
 1800 mm / 1.01 m²
 1900 mm / 1.06 m²
 2000 mm / 1.12 m²
 2100 mm / 1.18 m²
 2200 mm / 1.23 m²
 2300 mm / 1.29 m²
 2400 mm / 1.34 m²
 2500 mm / 1.40 m²
 2600 mm / 1.46 m²
 2700 mm / 1.51 m²
 2800 mm / 1.57 m²

Weight: All variants 16.02 kg/m²