

# 20.5 X 140 MM SOLID HARDWOOD PLANKS

## PRODUCT INFORMATION

### PRODUCT SPECIFICATION

Junckers 20.5 mm solid hardwood planks are factory finished and ready to install in accordance to Junckers Laying Instructions. Each plank is made as one whole floor board and provided with a bevelled edge of approx. 0.5 mm. Each plank is tongued and grooved on all four sides.

### PRODUCT DATA / TOLERANCES

**Nominal plank dimensions:**

Thickness: 20.5 mm (±0.2 mm)

Width: 140.0 mm (±0.2 mm)

**Length:**

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

\* Not Black Oak

**Drying method:**

The planks are kiln dried.

**Average moisture content:**

Oak: 8% (±2%)

Black Oak: 9% (±2%)

**Precision engineering landing:**

Deviation: 0.2 mm (0.3 mm in localised areas). The plank ends are right angled at ±0.3 mm.

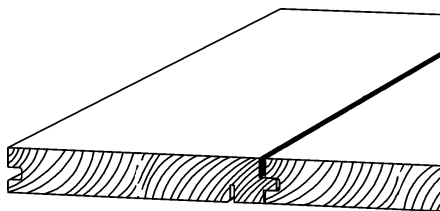


Fig. 1

### PRODUCT RANGE

Product / Product name	Grades	Surfaces	Variants
Oak	Classic Harmony Variation	Ultra matt lacquered, Silk matt lacquered, Oil, Untreated, Textured, Textured and/or coloured**	Ships decking* Colours** Texture**
Oak Nordic	Classic Harmony Variation	White pigmented and Ultra matt lacquered	Ships decking* Texture*
Oak Pearl	Harmony	Metallic-pigmented and Ultra matt lacquered	Ships decking*
Black Oak	Harmony Variation	Ultra matt lacquered, Oil, Untreated Textured and/or coloured**	Ships decking* Texture**

\*All products are available as ships decking, see Fig. 1

\*\*According to standard product range

### SHIPSDECKING

Specially designed foamed PVC strip with compact cells to absorb movements in hardwood floors.

The dimension of the strip is 3x8 mm. Installed it provides a 2 mm wide "Ships Decking Joint", which varies during the year according to changes in the relative humidity.

## TECHNICAL PROPERTIES

### Resistance to Indentation

All oak variants: Approx. 3.4 Hardness Brinell

### Slip Resistance, DIN 18032/2 (preliminary):

Lacquered & oil: Approx. 0.4

### Fire Classification, DIN EN 13501-1: C<sub>fl</sub> – S<sub>1</sub>

### Thermal Conduction, (Transmission coefficient):

Approx. 0.17 W/mK

### Heat Resistance: Approx. 0.12 m<sup>2</sup> 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:

Priming: Several coats of UV-light curing primer.

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

Total film thickness: Min. 40 µ.

Oak Nordic:

Priming: White toned stain.

Intermediate treatment: UV-light curing lacquer.

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

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: NH<sub>3</sub>-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.

Each pack contains 6 floor boards / layers of floor boards.

1 layer can include mixed lengths, using standard floor board lengths.

Orders can include mixed lengths of packs.

### Number of m<sup>2</sup> per pack according to package-length [mm]:

1500 / 1.26

1800 / 1.51

2100 / 1.76

2400 / 2.02

2700\* / 2.27

3000\* / 2.52

\* Not Black Oak

**Weight, kgs/m<sup>2</sup>:** All Oak products: 16.02