

# 20.5 X 185 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. A plank is made as one whole floor board and provided with a bevelled edge of approx. 0.5 mm. Each floor board is tongued and grooved on all four sides.

#### PRODUCT DATA / TOLERANCES

##### Nominal Board Dimensions

Thickness: 20.5 mm ( $\pm 0.2$  mm)

Width: 185.0 mm ( $\pm 0.5$  mm)

Length: 3000\* / 2700\* / 2400 / 2100 / 1800 / 1500 / 1200 / 900 / 600 mm ( $\pm 1.0$  mm). \* Not Black Oak

**Drying Method:** Kiln dried.

##### Average moisture content, MC:

Oak (all variants except Black Oak):

8% ( $\pm 2\%$ )

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

NH<sub>3</sub> 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".

##### Precision Engineering

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

Board ends are right angled at  $\pm 0.3$  mm.

### PRODUCT RANGE

Product	Grade	Surface	Product variants
Oak Boulevard	Harmony	Ultra matt lacquered Silk matt lacquered Oiled Untreated	Shipsdecking* Colour ** Texture**
Black Oak Boulevard	Harmony	Ultramatt lacquered Oiled Untreated	Shipsdecking* Colour ** Texture**
Oak Nordic Boulevard	Harmony	White-pigmented and Ultramatt lacquered	Shipsdecking* Texture
Oak Pearl Boulevard	Harmony	Metallic-pigmented and Ultramatt lacquered	Shipsdecking*

\* see Fig. 1.

\*\* According to standard product range

### SHIPS DECKING

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.

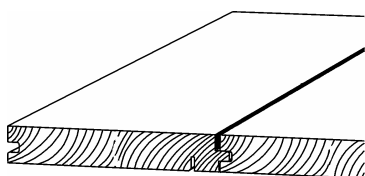


Fig. 1

#### FACTORY SURFACE TREATMENT

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**B 6.0** 1 / 2  
 2023-01-11  
 Replacement Of  
 2021-03-24

## TECHNICAL PROPERTIES

### Resistance to Indentation

Alle oak variants: Approx. 3.4 Hardness Brinell

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

Lacquered & oil: Approx. 0.4

### Fire Classification, (DIN EN 13501-1):

Surface treated: C<sub>fl</sub> – S<sub>1</sub>

Untreated surface: D<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, ultra matt and silk matt:

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 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.

#### Oak, other colours:

Priming: Coloured stain.

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 LDPE plastic and cardboard.

4 floor boards / layers of floor boards in each pack. 1 layer may include mixed lengths, using standard board lengths.

Orders may include mixed lengths of packs.

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

1500 mm / 1.11 m<sup>2</sup>

1800 mm / 1.33 m<sup>2</sup>

2100 mm / 1.55 m<sup>2</sup>

2400 mm / 1.78 m<sup>2</sup>

2700 mm\* / 2.00 m<sup>2</sup>

3000 mm\* / 2.22 m<sup>2</sup>

\* Not Black Oak

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