

# 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   | Drying Method              | Moisture Content   | Precision Engineering Landing  |
|--|----------------------------|--|--|
| Thickness: 20.5 mm ( $\pm 0.2$ mm)<br>Width: 140.0 mm ( $\pm 0.2$ mm)<br>Length: 3000* / 2700* / 2400 / 2100 / 1800 / 1500 / 1200 / 900 / 600 mm ( $\pm 1.0$ mm).<br>* Not Black Oak | The planks are kiln dried. | Oak planks are supplied with an average moisture content of 8% ( $\pm 2\%$ )<br><br>Black Oak planks are supplied with an average moisture content of 9% ( $\pm 2\%$ ) | Deviation: 0.2 mm (0.3 mm in localised areas).<br><br>The plank ends are right angled at $\pm 0.3$ mm. |

### PRODUCT RANGE

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

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

\*\*According to standard product range

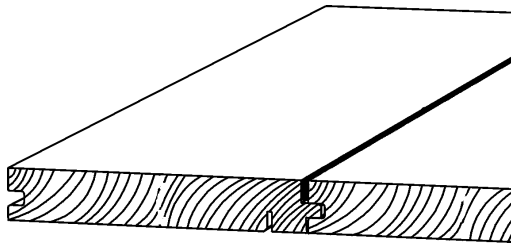


Fig. 1

## 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                          | Slip Resistance, (preliminary)                            | Fire Classification, (DIN EN 13501-1) | Thermal Conduction (Transmission coefficient) | Heat Resistance                 |
|--|---|---------------------------------------|---|---------------------------------|
| Oak and Black Oak:<br>Approx. 3.4 Hardness Brinell | Factory lacquered and oiled:<br>Approx. 0.4 (DIN 18032/2) | C <sub>FI</sub> - S <sub>1</sub>      | Approx. 0.17 W/mK                             | Approx. 0.12 m <sup>2</sup> 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.

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