

# 22 MM 2-STRIP SOLID HARDWOOD FLOORING

## PRODUCT INFORMATION

### PRODUCT SPECIFICATION

Junckers 22 mm 2-strip solid hardwood floors are factory finished and ready to install in accordance to Junckers Laying Instructions. Each floor board is assembled from two rows of staves by a glued double dovetail construction. Each floor board is tongued and grooved on all four sides.

#### PRODUCT DATA / TOLERANCES

##### Nominal Board Dimensions

Thickness: 21.8 mm ( $\pm 0.2$  mm)  
 Width: 129.0 mm ( $\pm 0.2$  mm)

##### Length Commercial/Residential floors:

3700 / 1830 / 900 mm ( $\pm 1.0$  mm)

##### Length Sports floors:

3700 mm ( $\pm 1.0$  mm)

##### Drying Method

Beech, all variants: Press dried.  
 Maple, Oak and Ash, all variants:  
 Kiln dried.

##### Average Moisture Content

Beech, Maple, Oak and Ash (all variants  
 except Black Oak): 8 % ( $\pm 2$  %).

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

##### Precision Engineering

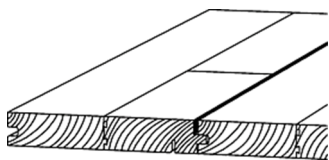
Landing Deviation: 0.2 mm (0.3 mm in  
 localised areas).  
 Board ends are right angled at  $\pm 0.3$  mm.

#### PRODUCT RANGE, COMMERCIAL / RESIDENTIAL

Product	Grade	Surface	Product variants
Beech Beech SylvaKet Ash Oak	Classic Harmony Variation	Ultra matt lacquered Silk matt lacquered Clear oil Untreated	Ships decking* Bevel (Oak & Ash) Colours** Texture**
Beech SylvaRed	Classic Harmony Variation	Ultra matt lacquered Silk matt lacquered	Ships decking*
Ash Nordic Beech Nordic Oak Nordic	Classic Harmony Variation	White pigmented and ultra matt lacquered	Ships decking* Texture**
Black Oak	Harmony Variation	Ultra matt lacquered Clear oil Untreated	Ships decking* Texture**
Maple	Classic Variation	Ultra matt lacquered Silk matt lacquered Clear oil Untreated	Ships decking*
Oak Pearl	Harmony	Metallic-pigmented and ultra matt lacquered	Ships decking*

\*See Fig. 1

\*\*See possibilities in current Product selector.



## SHIPSDECKING

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

## PRODUCT RANGE, SPORT

Product	Grade	Surface
Beech SylvaSport Beech SylvaKet Ash	Champion Premium Club	Ultra matt lacquered Silk matt lacquered Untreated
Maple	Champion Club	Ultra matt lacquered Silk matt lacquered Untreated
Sylva Squash: Beech Maple Ash	Champion	Silk matt lacquered Untreated
Sylva Dance: Beech	Champion	Silk matt lacquered

## TECHNICAL PROPERTIES

### Resistance to Indentation

Oak (all variants): Approx. 3.4 Hardness Brinell  
 Ash (all variants): Approx. 3.4 Hardness Brinell  
 Maple (all variants): Approx. 3.4 Hardness Brinell  
 Beech (all variants): Approx. 3.7 Hardness Brinell

### Slip Resistance, (preliminary):

Lacquered: Approx. 0.4 (DIN 18032/2) and Approx. 85 (EN 14904)  
 Oiled: Approx. 0.4 (DIN 18032/2)

### Fire Classification, (DIN EN 13501-1): Cfl – S1

### Thermal Conduction, (Transmission coefficient):

Approx. 0.17 W/mK

### Heat Resistance: Approx. 0.13 m<sup>2</sup> K/W

### Light Reflection (Reflectance for diffuse light):

Beech Classic, lacquered: 48%  
 Beech SylvaKet Classic, lacquered: 22%

### Electrostatic Charging (kV), Beech:

Factory lacquered:

25% RH = 3.5

50% RH = 2.0

65% RH = 1.0

Factory oiled: 25% RH = 1.0

Oiled Beech is suitable for use in rooms with computers. (DIN 54345/1-prEN 1815)

Light reflection value (LRV) BS 8493:200+A1:2010		
	Ultramatt	Silkmatt
Ash	-	49
Ash Nordic	52	-
Beech	44	43
Oak	27	26
Oak Nordic	30	-
Black Oak	7	-

### Substances of very high Concern

The products do not contain substances from the REACH Candidate List, "Candidate List of Substances of Very High Concern for Authorization, whose content exceeds 0.1 weight percent.

## FACTORY SURFACE TREATMENT

### Lacquered

Beech, Beech SylvaSport, Oak, Ash & Maple:  
 Priming: Several coats of UV-light curing primer.  
 Top finish: Two-component polyurethane lacquer, silk/ultra matt.  
 Total film thickness: Min. 40 µ.

### Beech SylvaKet and SylvaRed:

Pre-treatment: Coloured throughout with a NH<sub>3</sub>-treatment to achieve a light brown colour.  
 Before lacquering Beech SylvaRed is also toned with a reddish stain. If Beech SylvaRed is sanded to bare wood, it will appear like Beech SylvaKet.

Priming: Several coats of UV-light curing primer.

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

Total film thickness: Min. 40 µ.

### Ash Nordic, Beech Nordic & Oak Nordic:

Priming: White toned stain.

Intermediate treatment: Several coats of UV-light curing lacquer.

Top finish: 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: Coloured throughout with a NH<sub>3</sub>-treatment to achieve a dark brown 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.

### Squash

Untreated: Final sanding to grit 40.

Lacquered: Final sanding to grit 40 + 1 coat of a silk matt two-component polyurethane lacquer.

**Sylva Dance:** Final sanding to grit 40 + 2 coats of a silk matt two-component polyurethane lacquer.

## PACKING AND WEIGHT

Wrapped in polythene.

### Pack size / Length / m<sup>2</sup>

8 floor boards / 3700 mm / 3.82 m<sup>2</sup>

4 floor boards / 3700 mm / 1.91 m<sup>2</sup>

8 floor boards / 1830 mm / 1.89 m<sup>2</sup>

One layer in packs of 1830 mm length may consist of two floor boards of 900 mm.

### Weight kg/m<sup>2</sup>

Beech (all variants): 16.35 kg

Oak (all variants): 15.50 kg

Ash (all variants): 14.50 kg

Maple: 14.5 kg