

## Technical specification three-layer parquet

### DESCRIPTION

Berg & Berg's three-layer parquet, lacquered or oiled.

### DECLARATION

Oak, Ash, Pine, Spruce, Beech, Birch, Alder, Red Oak (Sweden), glue (Norway), vegetable oil (Denmark), lacquer (Sweden), filler.

### TOP LAYER

Sawn wear layer approx. 3.8 mm (min 3.6)

### MIDDLE LAYER

Strips of dense softwood from north Sweden with vertical annular rings for perfect dimensional stability, Svedloc end match made from solid birch or alder.

### BASE LAYER

2 mm spruce veneer.

### PATTERN DESIGN

- **XS** · On edge design  
Surface slats 250-450 mm long and abt. 10 mm wide (min. 3 mm on edge)
- **XS Plus** · On edge design  
Surface slats 250-450 mm long and abt. 23 mm wide (min. 10 on edge)
- **L** · Three strip design  
Surface slats 250-450 mm long and approx. 66 mm wide.
- **XXL** · Wide plank design  
Surface made from one piece of solid wood.

### DIMENSIONS

length*	2390 mm
width	198 mm
thickness	14 mm
m <sup>2</sup> / package	2.84 m <sup>2</sup>
m <sup>2</sup> / pallet	114 m <sup>2</sup>
Kg / m <sup>2</sup>	8 kg/m <sup>2</sup>

\*XS, XS Plus and XXL bundles may contain up to 1/3 of the surface in lengths 800/1200/1600 mm.

### LOCKING SYSTEM

Svedloc Plus locking system with very high accuracy. Difference in height between two boards max. 0.2 mm (measured according to EN 13489).

### MOISTURE CONTENT

7% ± 1% based on absolute dry weight (EN 13489).

### THERMAL CONDUCTIVITY

Approximately 0.15 W/(mK).

### NOISE INSULATION

19 - 20 dB when using a normal PE foam underlayment with 2 mm thickness. The value applies to the attenuation of sound downwards.

### HARDNESS (Brinell)

- Ash 4.2
- Beech 3.7
- Oak 3.8
- Pine 1.9
- Red Oak 4.0

### GLUING

The layers are glued together with glue from Dynea.

### LACQUERED SURFACE

Five layers of solvent-free acrylate lacquer from Bona that after curing does not emit any formaldehyde. The varnish is emission classification E0. Bona provides *Lifetime Support*. Lacquered surface can be refinished with products from Bona.

### Gloss

At 60° angle of reflection:

- Matte lacquer 8-10%
- Extra matte lacquer 4-6%

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### Light resistance

(24 hours test with UV light in laboratory, Value 1 - 5.5 =no impact i.e. maximum value)

- Ash 4
- Beech 4
- Oak 4
- Pine 1
- Red Oak 4

### Chemical resistance

Test with the most common chemicals except ammonia. (Value 1 - 5 .5 = no impact i.e. maximum value.)

- Distilled water 5
- Ethanol 5
- Olive oil 5
- Black tea 5
- Household cleaners 5
- Acetone 5
- Red wine 5
- Milk 5
- Coffee 5

### Scratch resistance

Stridsman test: SC3 (highest)

### Wear characteristics

Taber Abraser test with sand measured to level 6 (1 [lowest] – 8 [highest]). Measured according to SIS 923509.

### Slip safety

Tested by German standard

- Leather against wood: Very safe (equivalent to R9)
- Rubber/Plastic against wood: Safe (equivalent to R9)

### OILED SURFACE

Treated with air curing nature or white *High solid oil* from Faxe. The oil is plant-based and applied in several layers and dried and polished at the factory. Please refer to the individual maintenance instructions at: [www.berg-berg.com](http://www.berg-berg.com).

### LIVING ENVIRONMENT

Berg & Berg's three-layer parquet with oiled surface in the wood species ash, beech, white oak, and red oak are approved by Natureplus for a sound living environment. Certificate number 0209-0311-018-1.

### ECOLOGICAL SUSTAINABILITY

Products marked with the FSC brand are delivered according to the criteria of FSC standards. These aim to enable consumers to make sound choices of products originating in responsibly managed forests. Berg & Berg's license code is FSC-C030473.