

Parquet Data Sheet

Parquet panel 18mm

Construction

Parquet panel 18mm is a high-quality multilayer parquet product by Hamberger Flooring GmbH & Co. KG with the following construction:

- Surface finish: *oleovera* natural oil surface,
- Top layer: approx. 3.5mm ($\frac{9}{64}$ ") thick precious wood layer,
- Middle layer: approx. 11mm ($\frac{7}{16}$ ") plywood,
- Backing board: approx. 3.8mm ($\frac{5}{32}$ ") oak.



Dimensions and moisture behavior

All data refer to the delivery humidity of 5-9 % according to EN 13183-1.

Length	Width	Total thickness	Top layer thickness	Equilibrium humidity at 23°C / 50% RH
EN 13647	EN 13647	EN 13647	EN 13647	EN 13183-1
650 mm ($25 \frac{19}{32}$ ")	650 mm ($25 \frac{19}{32}$ ")	ca. 18 mm ($\frac{45}{64}$ ")	approx. 3.5 mm ($\frac{9}{64}$ ")	8,0%
maximum deviation: ±1mm (DIN EN 13489:±0.2mm)	maximum deviation: ±0.1mm (DIN EN 13489:±0.2mm)	(DIN EN 13489: no information)	maximum deviation: ±0.2mm (DIN EN 13489: >2.5mm)	maximum deviation: ±0.5% (DIN EN 13489: no information)

Installation system

The installation system provides a permanent installation of the parquet floor.



On short and long sides:
tongue and groove

Surface finish

Parquet panel 18mm is provided with the following surface refinement:

		oleovera NATURÖL	
Character		Natural oil surface that allows the wood to breathe	
Ingredients		Ingredients based on renewable raw materials	
How it works		The floor care oil is based on natural ingredients. It penetrates deep into the pores of the wood and protects the parquet floor from dirt and from drying out. The wood can breathe and retains its natural look and feel.	

Performance specifications

Reaction to fire [DIN EN 13501-1]	Slip resistance [EN 13893]	Formaldehyde emissions [DIN EN 717-1]	VOC emissions [AgBB-Scheme/Blue Angel]
D _{fl} -s1	R10	≤ 0.05 ppm	≤ 300 ppm
D _{fl} = normally flammable	fulfils the requirements of occupational safety in accordance with BGR 181; please follow the installation instructions	Evidence of emissions for: - Blue Angel (RAL UZ 176) - DGNB ENV 1.2, quality level 4, criteria matrix 47a www.dgnb-navigator.de - LEED v.1 Option 2 & Leed v4 for projects outside U.S.; EQ credit low-emitting materials - BREEAM Hea02 Indoor air Quality, exemplary level emission criteria for wood flooring (table 18)	

Bond strength [DIN EN 204]	Thermal resistance	Weight per unit area	Castor chair resistance [DIN EN 425]
≥ D3	0.123 m ² k/W	approx 13,44 kg/m ²	> 25000 cycles
D3 = Stress group for indoor areas of high quality	Thermal conductivity value; limit value max. for underfloor heating is 0.15 m ² K/W	Wood is a natural material and affected by growth-related density variations. Therefore the data may slightly differ.	no changes in bond strength or impairment of the connection system.

Quality label



www.blauer-engel.de/uz176



www.ibu-epd.com