

Parquet Data Sheet

HARO PARQUET 2500, Plank 1-Strip, Plank 1-Strip Plaza and Longstrip

Construction

HARO PARQUET 2500, Plank 1-Strip, Plank 1-Strip Plaza and Longstrip is a high-quality multilayer parquet product by Hamberger Flooring GmbH & Co. KG with the following construction:

1. Top layer: ≥ 2.5 mm ($3/32$ ") thick precious wood layer
2. Middle layer: Solid spruce fingerstrips
3. Backing board: Softwood veneer
4. Back of the board: Optional Silent Pro® insulation layer or ComforTec



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 and 50% RH
EN 13647	EN 13647	EN 13647	EN 13647	EN 13183-1
2202/2210 mm ($86 \frac{5}{8}$ ")	240/220mm ($9 \frac{29}{64}$ / $8 \frac{21}{32}$ ") (LHD Plaza) 180/173mm ($7 \frac{3}{32}$ / $6 \frac{13}{16}$ ") (LHD) 180 mm ($7 \frac{3}{32}$ ") (SB)	approx. 12 mm ($ \frac{15}{32}$ ")	≥ 2.5 mm ($ \frac{3}{32}$ ")	7,5%
maximum deviation: ± 1 mm (DIN EN 13489: $\pm 0,1$ %)	maximum deviation: ± 0.1 mm (DIN EN 13489: ± 0.2 mm)	(DIN EN 13489: no information)	maximum deviation: ± 0.2 mm (DIN EN 13489: > 2.5 mm)	maximum deviation: ± 0.5 % (DIN EN 13489: no information)

Installation system





The patented glueless installation system provides an easy, perfect-fit and permanent installation of the parquet floor.



On the long sides: Angle-in to lock it
On the short sides: Top Connect 5G

Surface finish

HARO PARQUET 2500, Plank 1-Strip, Plank 1-Strip Plaza and Longstrip can optionally be provided with one of the following surface refinements:

				
Character	Hard-wearing finish	Natural oil surface that allows the wood to breathe	Close-to-nature oil/wax surface finish	Natural matt surface finish with the best possible protection
Ingredients	Performance-optimised acrylic resin	Ingredients based on renewable raw materials	mainly sunflower oil, thistle oil and carnauba wax	High-quality acrylic resins combined with ingredients on a natural basis
How it works	High-grade, UV-cured acrylic resins coat the wood with a 40-50 μ m thick protective varnish, making the parquet surface resistant to abrasion, scratches and stains.	The breathing natural oil surface naturaLin plus perfectly sets the scene for the natural character of a parquet floor. The oil penetrates the wood, protects the parquet and gives it a unique matt look and a natural feel. The ready-to-use surface is easy to clean.	Carnauba wax, the hardest of all natural waxes, forms an effectively protective film with a close-to-nature matt shine on the floor surface. Sunflower oil and thistle oil are absorbed into the upper layers of the parquet floor. They impregnate the wood and emphasise its beautiful natural grain.	The revolutionary naturaDur premium surface finish impresses with its beauty and soft, natural 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]
C _{fi} -s1 / D _{fi} -s1	R9 / R10	≤ 0.05 ppm	≤ 300 ppm
D _{fi} = normally flammable C _{fi} = flame-resistant	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 - QNG, catalogue of requirements appendix document 31 category 2.3 - 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 17456]	Thermal resistance	Weight per unit area	Castor chair resistance [EN ISO 4918]
AT3: <10 %	0.102 m ² k/W	6.95 kg/m ²	> 25000 cycles
< 10 % Delamination on the basis of testing procedures AT3	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.

^{*)} See separate information about the fire prevention class and slip resistance

Insulation layer

The parquet can optionally be provided with a Silent Pro® insulation layer or with ComforTec. Please pay attention to the data sheets of the insulation layer.

	Thickness	Thermal resistance	Indoor sound improvement	Footfall improvement
	approx. 2 mm / 3/32"	0.01 m ² K/W	approx. 30%	approx. 18 dB
	approx. 2 mm / 3/32"	0.04 m ² K/W	approx. 60%	approx. 14 dB

Certificates



www.blauer-engel.de/uz176



www.ibu-epd.com

Hamberger Flooring GmbH & Co.KG - Production Engineering
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