

Parquet Data Sheet

HARO PARQUET 3000, 3500, 4000, Longstrip/Trio and Plank 1-Strip/Plaza 4V

Construction

HARO PARQUET 3000/3500/4000 Longstrip / Trio / Plank 1-Strip / Plaza 4V is a high-quality multilayer parquet product by Hamberger Flooring GmbH & Co. KG with the following construction:

1. Surface finish: PERMADUR® natural matt finish, bioTec® oil/wax finish, naturaLin® plus natural oil surface or natural matt surface finish naturaDur
2. Top layer: ≥ 2.5 mm / 3/32" (3000, 3500), approx. 3.5 mm / 1/8" (4000) thick precious wood layer
3. Middle layer: Solid spruce fingerstrips or HDF E1 coreboard (only 3000, 3500)
4. Backing board: Softwood veneer
5. Back of the board: Optional Silent Pro® insulation layer or ComforTec



Dimensions

Basis: DIN EN 13489. The underlying stricter company standard is stated along with the respective comparative value of the DIN EN 13489. All information applies to a equilibrium moisture content at standard climactic conditions 23°C/50% relative air humidity.

Length	Width	Total thickness	Top layer thickness
2202/2210 mm (86 5/8" / 87") 1750 mm (68 5/64") (LHD1750) 1085/1095 mm (42 23/32" / 43 1/8") (SL)	173 / 180 mm or 160 mm (6 13/16" / 7 3/32" or 6 19/64") 220 / 240mm (Plaza 4V) (8 21/32" / 9 29/64")	approx. 11.0 mm (7/16") (3000) approx. 12.0 mm (15/32") (3500) approx. 13.5 mm (17/32") (4000)	≥ 2.5 mm (3/32") (3000/3500) approx. 3.5 mm (1/8") (4000)
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)

Installation system

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



5G Fold Down locking system

On the short sides: Lock-in system
On the long sides: Angle-in to lock it



Glue-down installation with tongue and groove



On the short sides: horizontally clicked
On the long sides: Angle-in to lock it

Surface finish

HARO PARQUET 3000/3500/4000 Longstrip / Trio / Plank 1-Strip / Plaza 4V can optionally be provided with one of the following surface refinements:

	PERMADUR® VERSIEGELUNG NATUR MATT	bioTec ÖL/WACHS FINISH	naturaLin® plus NATURÖL-OBERFLÄCHE	naturaDur MATTES OBERFLÄCHENFINISH
Character	Hard-wearing finish	Close-to-nature oil/wax surface finish	Natural oil surface that allows the wood to breathe	Natural matt surface finish with the best possible protection
Ingredients	Performance-optimised acrylic resin	mainly sunflower oil, thistle oil and carnauba wax	Ingredients based on renewable raw materials	
How it works	High-grade, UV-cured acrylic resins coat the wood with a 40-50 µm thick protective varnish, making the parquet surface resistant to abrasion, scratches and stains. This ensures a varnish abrasion of ≥ 2000 rotations on smooth surfaces in accordance with DIN EN 13696.	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 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.	naturaDur surface treatment combines the natural look of oiled parquet with the protection and easy care of a prefinished surface

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 or 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	meets the requirements of the Blue Angel - therefore it is at least 50% below the E1 limit value.	Wood is an organic material and therefore emits volatile organic compounds (VOC). This is constantly and strictly monitored. Therefore, HARO Parquet fulfils the criteria of the Blue Angel as well as the valid European emissions allowances.

Bond strength [DIN EN 204]	Thermal resistance	Weight per unit area	Castor chair resistance [DIN EN 425]
≥ D3	0.063 m ² k/W (3000) 0.071 m ² k/W (3500) 0.110 m ² k/W (4000)	8.99 kg/m ² (3000) 9.87 kg/m ² (3500) 7.41 kg/m ² (4000)	> 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.

^{*)} 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



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