

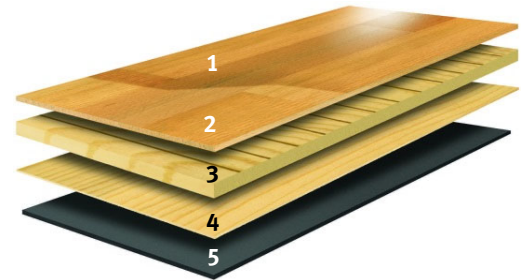
Parquet Data Sheet

HARO PARQUET 4000, Plank 1-Strip Plaza 240, Plank 1-Strip 180, Plank 1-Strip 140, Longstrip

Construction

HARO PARQUET 4000, Plank 1-Strip Plaza 240, Plank 1-Strip 180, , Plank 1-Strip 140, Longstrip is a high-quality multilayer parquet product by Hamberger Flooring GmbH & Co. KG with the following construction:

1. Surface finish: *permaDur* natural matt finish, *naturaLin* natural oil surface or natural matt surface finish *naturaDur*
2. Top layer: 3.5 mm (3/32") thick precious wood layer
3. Middle layer: Solid spruce fingerstrips
4. Backing board: Softwood veneer
5. 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
1500mm (59 ¹ / ₁₆ " (LHD 140) 1750mm (68 ⁵⁷ / ₆₄ " (LHD 180) 2202/2210mm (86 ⁵ / ₈ " (LHD Plaza 240, LHD 180, SB)	140mm (5 ³³ / ₆₄ " (LHD 140) 180mm (7 ³ / ₃₂ " (SB) 180/173mm (7 ³ / ₃₂ / 6 ¹³ / ₁₆ " (LHD 180) 240/220mm (9 ²⁹ / ₆₄ / 8 ²¹ / ₃₂ " (LHD Plaza 240)	approx. 13,5 mm (1 ⁷ / ₃₂ "	3.5 mm (9 ⁹ / ₆₄ "	8,0%
maximum deviation: ±1mm (DIN EN 13489: ±0,1 %)	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 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 4000, Plank 1-Strip Plaza 240, Plank 1-Strip 180, , Plank 1-Strip 140, Longstrip can optionally be provided with one of the following surface refinements:

	permaDur VERSIEGELUNG	naturaLin^{plus} NATURÖL-OBERFLÄCHE	naturaDur MATTES OBERFLÄCHENFINISH
Character	Hard-wearing finish	Natural oil surface that allows the wood to breathe	Natural matt surface finish with the best possible protection
Ingredients	Performance-optimised acrylic resin	Ingredients based on renewable raw materials	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 µm thick protective varnish, making the parquet surface resistant to abrasion, scratches and stains.	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 _{fl} -s1	R9 / R10	≤ 0.05 ppm	≤ 300 ppm
C _{fl} = 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 - 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	0.113 m ² k/W	7.41 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.

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

Insulation layer

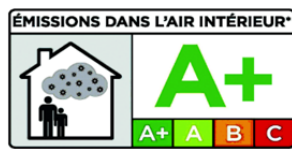
The parquet can optionally be provided with a Silent Pro[®] insulation layer or with ComforTec. Please pay attention to the data sheets of the insulation layer.

	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

Quality management system Form PT 7.3/02/00/00/0170.2 v. 02/03/2021-en

Hamberger Flooring GmbH & Co. KG, Postfach 10 03 53, 83003 Rosenheim, Germany
 Phone +49 8031 700-0, Fax +49 8031 700-600, E-Mail info@haro.com, www.haro.com