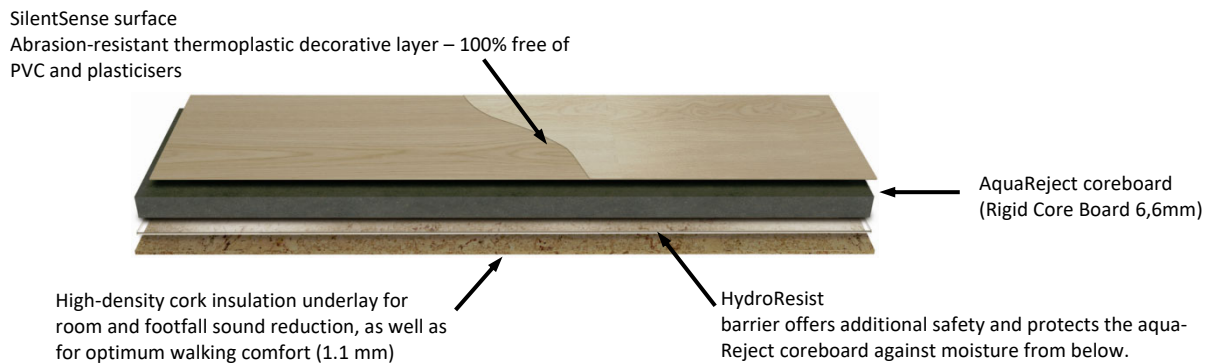


Data Sheet design floor DISANO DISANO LifeAqua

Structure

DISANO LifeAqua is a top quality design floor from Hamberger Flooring GmbH & Co. KG with the following structure:



Dimensions and moisture behavior

All data refer to the delivery humidity of 4-5 % according to EN 322.

Length	Width	Total thickness	Weight per unit area	Equilibrium humidity at 23°C / 50% RH
ISO 24337	ISO 24337	ISO 24337	-	EN 322
1800 mm / 70 ⁵⁵ / ₆₄ " 1282 mm / 50 ¹⁵ / ₃₂ " 631 mm / 24 ²⁷ / ₃₂ (Piazza 4V)	235 mm / 9 ¹ / ₄ " 313 mm / 12 ²¹ / ₆₄ " (Piazza 4V)	8 mm / 5 ¹⁶ / ₁₆ "	7.0kg/m ²	4,7% *)
Max. tolerance: ±0.5mm	Max. tolerance: ±0.1mm	Max. tolerance: ±0.2mm	Gross density differences in the coreboard mean tolerances may be required.	Max. tolerance: 0,5%

*) Equilibrium humidity of coreboard: (5,8 ± 0,2) %


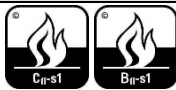


Installation system




The patented glueless connection system guarantees an easy, perfect-fit and permanent installation of the design floor.







Long side: interlocking by angling in
Short side: Top Connect 5G

Performance specifications

Level of use [DIN EN ISO 10874/DIN EN 16511]	Fire classification [DIN EN 13501-1]	Sliding friction [DIN EN 14041; EN 13893]	Thermal resistance
			
23/33	C _{fl} -s1 / B _{fl} -s1 ^{**}	DS / R9	0.057m ² K/W
23 = private home with heavy traffic 33 = commercial/public application with heavy traffic	C _{fl} / B _{fl} = flame-resistant ^{**}) Glue-down installation Floating installation: C _{fl} -s1	μ ≥ 0.35 DISANO LifeAqua meets occupational health and safety requirements in acc. with BGR 181.	Reaction with heat flow; the limit value of max. 0.15 m ² K/W should be observed for underfloor heating.

Formaldehyde emissions [DIN EN 1717-1]	VOC emissions [AgBB Schema/Blue Angel]	Odor test [VDA-Empfehlung 270 i.A.]	Footfall and room sound improvement [ISO 10140-3/EN 16205]
			18 dB / 86 dB(A)
≤ 0.05 ppm	≤ 300 ppm		
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)		The evaluation and judgement of the smell are based on a grading system that ranges from 1 (unnoticeable) to 6 (unbearable). DISANO LifeAqua meets the thresholds set for the eco-INSTITUT label.	Improvement/reduction in the impact or footfall noise between two rooms or when an ordinary person is walking through the room.

Residual indentation [DIN EN ISO 24343-1]	Chair caster-resistance [DIN EN 425]	Lightfastness [DIN EN 13329]	Resistance to staining [DIN EN 438-2]
			
<0.2mm	> 25,000 cycles	≥ 4 (gray scale)	resistant
Residual indentation following extended exposure to a load with a small pulling edge	No film debonding or damage to the connection system.	Resistance to shine/colour in case of strong exposure to light (e.g. sunlight)	No change in shine/colour caused by substances and chemicals found in households. A longer-lasting effect of aggressive solutions, such as acetone or disinfection agents, can cause surface changes and must be removed from the floor immediately.

Quality label



2029 0019



www.ibu-epd.com



www.blauer-engel.de/uz176



The material is free from PVC and softeners and can be disposed of in domestic waste.

Hamberger Flooring GmbH & Co.KG – Production Engineering

Quality Management System Form PT 7.3/02/00/00/0616.5 dated 12/01/2022-en