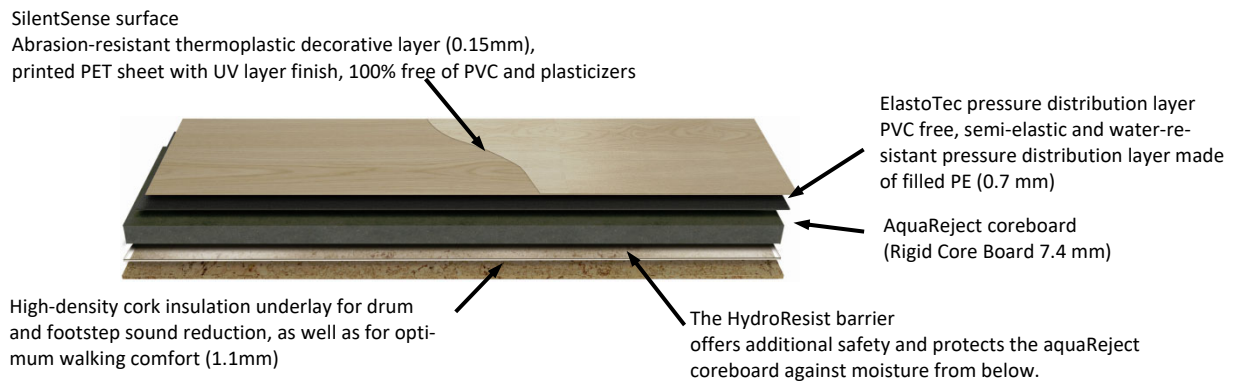


Datasheet Design Floor DISANO DISANO ClassicAqua

Structure

DISANO ClassicAqua 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 23°C / 50% RH
ISO 24337	ISO 24337	ISO 24337	-	EN 322
2035 mm (80 1/8 ") 631 mm (24 27/32 ") (Piazza)	235 mm (9 1/4 ") 313 mm (12 21/64 ") (Piazza)	9.8 mm (25/64 ")	9.24 kg/m ² (18 ¹⁵ /16 lb / 10ft ²)	4,5%*)
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.



5G Fold Down locking system

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	Cfl-s1*	DS / R9 μ ≥ 0.35	0.063m²K/W
23 = residential application with intensive use 33 = commercial applications with intensive use	Cfl = flame-resistant Dfl = normal flammability * Glue-down installation Dfl-s1 floating installation	DISANO ClassicAqua meets occupational health and safety requirements in acc. with BGR 181.	Reaction with heat flow; the limit value of max. 0.15 m² K/W should be observed for underfloor heating.

Formaldehyde emissions [DIN EN 717-1]	VOC emissions [AgBB scheme/Blue Angel]	Odor test [VDA-Empfehlung 270 i.A.]	Impact and indoor sound improvement factor [ISO 140-8/ihd W 431]
			16 dB / 26,7%
≤ 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 ClassicAqua meet 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 Aceton 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 softener and can be disposed of in domestic waste.

Hamberger Flooring GmbH & Co.KG – Production Engineering

Quality Management System Form PT 7.3/02/00/00/0606.17 v. 04/10/2022-en