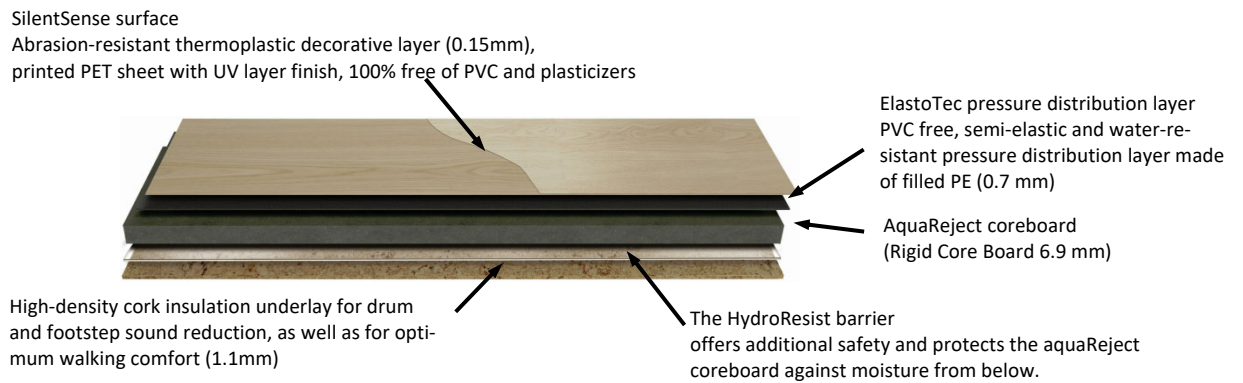


Datasheet Design Floor DISANO DISANO ClassicAqua

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



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 7.3/02/00/00/0606.16 v. 22/11/2021-en