

Datasheet DISANO by HARO

DISANO Classic Aqua

Structure

DISANO by HARO, DISANO Classic Aqua is a top quality design floor from Hamberger Flooring GmbH & Co. KG with the following structure:

SilentSense surface:

Abrasion-resistant thermoplastic decorative layer - 100% free of PVC and plas-



ElastoTec layer:

PVC free, semi-elastic and water-resistant pressure distribution layer made of filled PE (0.7 mm)

AquaReject coreboard (6.9 mm)

High-density cork insulation underlay for drum and footstep sound reduction, as well as for optimum walking comfort (1.1mm)

Dimensions

All information is based on a delivery moisture of $u =$ approx. 4.5% (corresponds to the equilibrium moisture content at standard climactic conditions 23°C/50% relative air humidity).

Length	Width	Total thickness	Weight per unit area
2035 mm (80 1/8 ")	235 mm (9 1/4 ")	9.3 mm (23/64 ")	8.41 kg/m ²
Max. tolerance: ± 0.5mm	Max. tolerance: ± 0.1mm	Max. tolerance: ± 0.2mm	Gross density differences in the coreboard mean tolerances may be required.





Installation system




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







Short side: lock-in system
Long side: interlocking by angling in

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*	DS / R9	0.063m ² K/W
23 = residential application with intensive use 33 = commercial applications with intensive use	C _{fl} = flame-resistant * Glue-down installation	μ ≥ 0.35 DISANO by HARO, DISANO Classic Aqua meets occupational health and safety requirements in accordance 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 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		
The result complies with the Blue Angel specifications - therefore at least 50% below the E1 limit value.	As an organic material, wood gives off volatile organic compounds (VOC). This is monitored in stringent continuous controls. DISANO by HARO, DISANO Classic Aqua therefore meets the criteria of the Blue Angel and the applicable European emission certificates.	The evaluation and judgement of the smell are based on a grading system that ranges from 1 (unnoticeable) to 6 (unbearable). All DISANO design floors meet the thresholds set for the eco-INSTITUT label.	Improvement/reduction in the impact or foot-fall 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 or disinfection agents, can cause surface changes and must be removed from the floor immediately.

Certificates



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
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