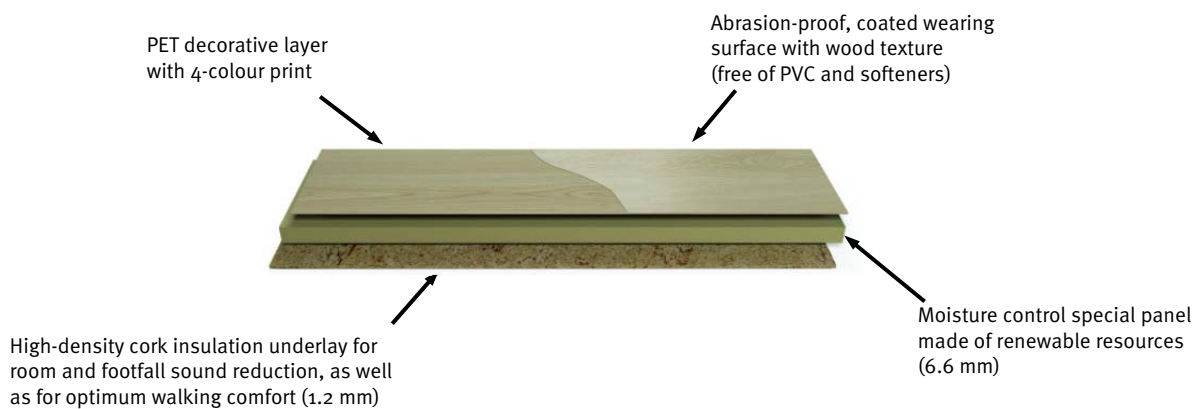


DISANO Life Data Sheet

by HARO

Structure

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



Dimensions

All information based on delivery moisture of $u = \text{approx. } 7\%$.

Length	Width	Total thickness	Weight per unit area
1800mm	235mm	8.0mm	7.0kg/m ²
Max. tolerance: $\pm 0.5\text{mm}$	Max. tolerance: $\pm 0.1\text{mm}$	Max. tolerance: $\pm 0.1\text{mm}$	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 of the design floor.







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

Performance specifications

Level of use [DIN EN 685]	Fire classification [DIN EN 13501-1]	Sliding friction [DIN EN 14041; DIN 51130]	Thermal resistance
			
23/33	D _{fl} -S1	DS / R9	0.057m ² K/W
23 = private home with heavy traffic 33 = commercial/public application with heavy traffic	D _{fl} = normally inflammable	$\mu \geq 0.35$ DISANO Life 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.

Chair caster-resistance [DIN EN 425]	Formaldehyde emissions [DIN EN 717-1]	VOC emissions [AgBB Schema/Blue Angel]	Footfall and room sound improvement [ISO 10140-3/EN 16205]
			
> 25,000 cycles	≤ 0.05 ppm	≤ 300 ppm	18 dB / 86 dB(A)
No film debonding or damage to the connection system.	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 by strict ongoing controls. DISANO Life by HARO therefore meets the criteria of the Blue Angel and the applicable European emission certificates.	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 433]	Moving furniture leg [DIN EN 424]	Lightfastness [DIN EN 13329]	Resistance to staining [DIN EN 423]
			
< 0.2mm	No changes	≥ Stage 6 (blue wool scale)	resistant
"Stiletto" test; stiletto heels do not leave any indentations. DIN EN 650 NK 32 limit value: 0.2 [mm]	Impact due to moving of heavily used furniture legs.	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.

Certificates



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 7.3/02/00/00/0604.3 dated 15/10/28-de