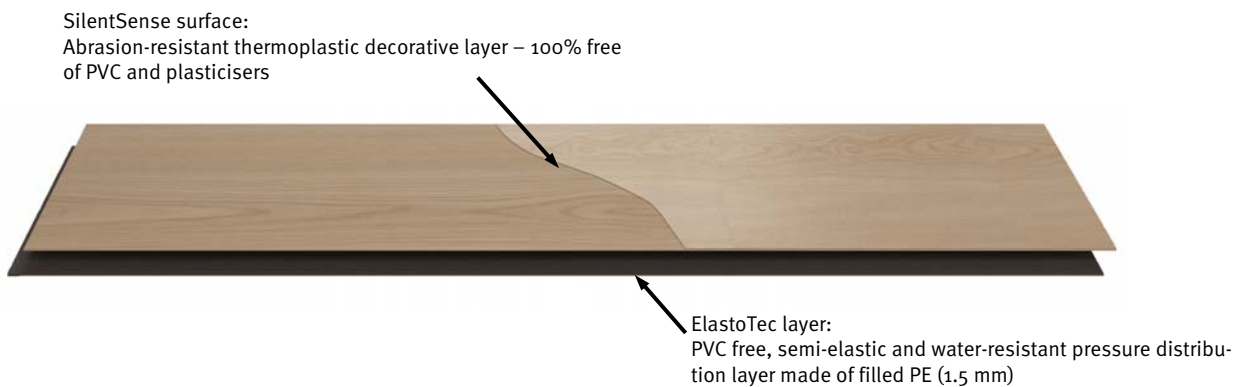


# Data Sheet DISANO by HARO

## DISANO Project

### Structure

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



### Dimensions

All information relates to delivery conditions of 20°C and 50%r.h.:





Length <sup>*)</sup>	Width <sup>*)</sup>	Total thickness	Weight per unit area
1300mm 650mm (Piazza 4VM)	248mm 310mm (Piazza 4VM)	approx. 2.0mm	2,81kg/m <sup>2</sup>
Max. tolerance: ±0.5mm	Max. tolerance: ±0.1mm	Max. tolerance: ±0.1mm	Gross density differences in the coreboard mean minor tolerances may be required.





<sup>\*)</sup> The alterations in the size resulting from temperature changes in line with the DIN EN ISO 23999 standard amount to  $\leq 0.25\%$  for Disano Project.





### Installation system

DISANO by HARO, DISANO Project is designed for glue adhesion to the subfloor. The requirements outlined in the installation instructions must be observed.

### Performance specifications

Level of use [DIN EN ISO 10874]	Fire classification [DIN EN 13501-1]	Sliding friction [DIN EN 14041; EN 13893]	Thermal resistance
			
23/33	B <sub>fl</sub> -S1	DS / R9	0.01m <sup>2</sup> k/W
23 = private home with heavy traffic 33 = commercial/public application with heavy traffic	B <sub>fl</sub> = flame-retardant	μ ≥ 0.35 DISANO by HARO, DISANO Project meets occupational health and safety requirements in accordance with BGR 181.	Reaction with heat flow; the limit value of max. 0.15 m <sup>2</sup> K/W should be observed for underfloor heating.

Formaldehyde emissions [DIN EN 717-1]	VOC emissions [AgBB Schema/Blue Angel]	Odor test [VDA-Empfehlung 270 i.A.]	Footfall and room sound improvement [ISO 10140-3/EPLF WD 021029-5]
			
≤ 0.05 ppm	≤ 300 ppm		4 dB / approx. 83%
No synthetic formaldehyde is used in the manufacture of DISANO by HARO, DISANO Project.	DISANO by HARO DISANO Project is a solid plastic floor covering and 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 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.

### Certificates



[www.blauer-engel.de/uz120](http://www.blauer-engel.de/uz120)

The material is PVC and softener-free and can be disposed of in domestic waste.

Hamberger Flooring GmbH & Co.KG – Production Engineering

Quality Management System Form PT 7.3/02/00/00/0611.9 dated 06/03/19-en