

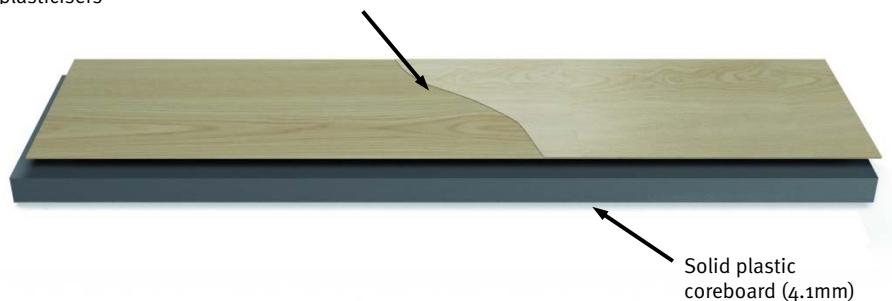
DISANO by HARO Datasheet

DISANO Saphir

Structure

DISANO Saphir 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 plasticisers



Dimensions

All information applies to the delivery status.

Length	Width	Total thickness	Weight per unit area
1282mm	235mm	4.5mm	5.2kg/m ²
Max. tolerance: ±0.5mm	Max. tolerance: ±0.1mm	Max. tolerance: ±0.1mm	Fluctuations in the material density in the coreboard mean minor 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} -s2	DS / R9	0.0317 m ² K/W
23 = private home with heavy traffic 33 = commercial/public application with heavy traffic	D _{fl} = normally inflammable	μ ≥ 0.30 DISANO by HARO 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/EPLF WD 021029-5]
			
> 25000 cycles	≤ 0.05ppm	≤ 300ppm	16 dB / 50.5%
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.	DISANO by HARO Saphir is a solid plastic floor covering and 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



www.blauer-engel.de/uz120

The material is free from PVC and plasticisers, and can be disposed of in domestic waste.

Hamberger Flooring GmbH & Co.KG – Production Engineering

Quality Management System Form PT 7.3/02/00/00/0609.7 v. 04/04/18-en