

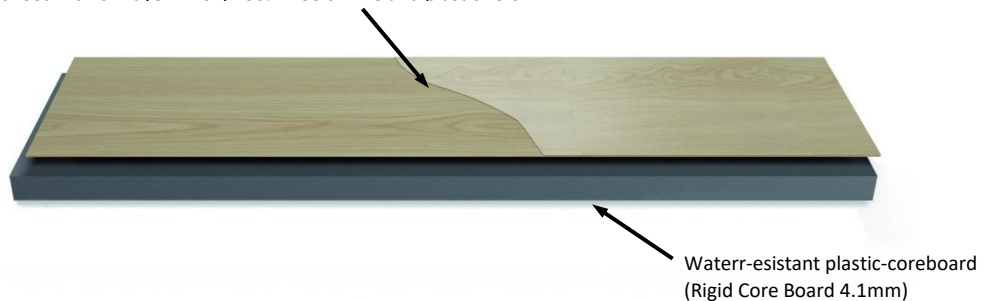
## Datasheet design floor DISANO DISANO Saphir

### 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 (0.15mm),  
printed PET sheet with UV laver finish, 100% free of PVC and plasticizers



### Dimensions

All information applies to the delivery status.

Length	Width	Total thickness	Weight per unit area
ISO 24337	ISO 24337	ISO 24337	-
1282 mm (50 <sup>15</sup> / <sub>32</sub> "") 631 mm (24 <sup>27</sup> / <sub>32</sub> "") (Piazza)	235 mm (9 <sup>1</sup> / <sub>4</sub> "") 313 mm (12 <sup>21</sup> / <sub>64</sub> "") (Piazza)	4.5 mm	5.28 kg/m <sup>2</sup> (10 <sup>41</sup> / <sub>64</sub> lb / 10ft <sup>2</sup> )
Max. tolerance: ±0.5mm	Max. tolerance: ±0.1mm	Max. tolerance: ±0.2mm	Fluctuations in the material density in the coreboard mean minor tolerances may be re- quired.

### Installation system

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



**Fold Down  
locking system**

interlocking by angling in  
Top Connect 5G

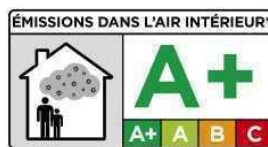
## Performance specifications

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	D <sub>fi</sub> -s2 / C <sub>fi</sub> -s2*	DS / R9	0.0317 m <sup>2</sup> K/W
23 = private home with heavy traffic 33 = commercial/public application with heavy traffic	C <sub>fi</sub> = flame-resistant D <sub>fi</sub> = normally inflammable  *) Glue-down installation Floating installation: D <sub>fi</sub> -s1	μ ≥ 0.35  DISANO Saphir meets occupational health and safety requirements in acc. 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]
			16 dB / 50.5%
≤ 0.05ppm	≤ 300ppm		
Evidence of emissions for: - Blue Angel (RAL UZ 176) - DGNB ENV 1.2, quality level 4, criteria matrix 7 <a href="http://www.dgnb-navigator.de">www.dgnb-navigator.de</a> - 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). Design floor DISANO Saphir meets 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	> 25000 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.

## Quality label



[www.ibu-epd.com](http://www.ibu-epd.com)

[www.blauer-engel.de/uz120](http://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 7.3/02/00/00/0609.19 v. 14/12/2021-en