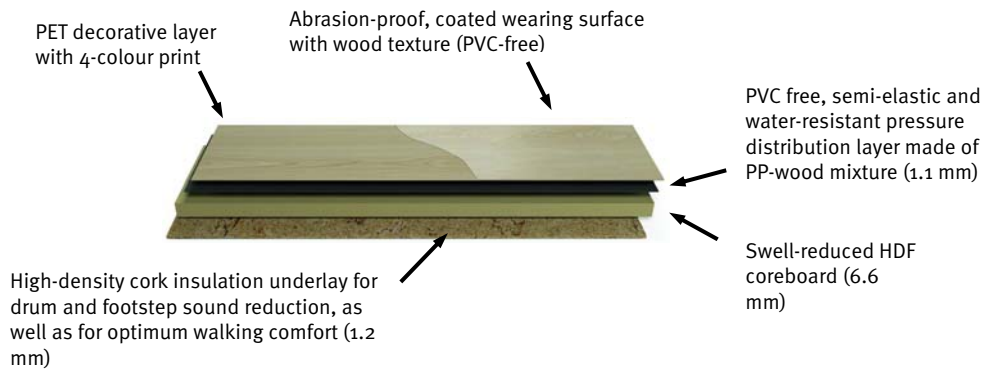


Disano Datasheet

by HARO

Structure

Disano 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 $u = \text{ca. } 7\%$.

| Length | Width | Total thickness | Weight per unit area |
|----------------------------|----------------------------|----------------------------|---|
| 2,035 mm | 235 mm | 9.3 mm | 8.41 kg/m ² |
| Max. tolerance: ± 0.5mm | Max. tolerance: ± 0.1mm | Max. tolerance: ± 0.1mm | 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 685] | Fire classification [DIN EN 13501-1] | Sliding friction [DIN EN 14041; DIN 51130] | Thermal resistance |
|---|---|---|---|
|  |  |  |  |
| 23/32 | D _{fl} -S1 | DS / R9 | 0.063m ² K/W |
| 31 = commercial/public application with low traffic 32 = commercial/public application with medium level traffic | D _{fl} = normal flammability | $\mu \geq 0.35$ 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 scheme/Blue Angel] | Room sound improvement factor [IHD-W 431] |
|---|---|---|--|
|  |  |  | |
| > 25,000 cycles | ≤ 0.05 ppm | ≤ 300 ppm | 26,7% |
| 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 in stringent continuous controls. Disano by HARO therefore meets the criteria of the Blue Angel and the applicable European emission certificates. | Improved footfall sound in the room with an ordinary person walking through. |

| 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 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 Aceton or disinfection agents, can cause surface changes and must be removed from the floor immediately. |

Certificates



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 7.3/02/00/00/0601.1 v. 03/05/12-de