

Technical Data Sheet

Laminated Flooring Impression 4V
Class 33 according to DIN EN 13329



CLASSEN INNOVATION
TECHNOLOGY
DESIGN

Core board:

Profile:

Dimensions:

Quantity / Weight per box (PU):

Quantity / Weight per pallet:

Classenboard HDF

ML 2.0

1285 x 158 x 10

8 pieces = 1.624 m² / approx. 15 kg

50 PU = 81.200 m² / approx. 750 kg

Characteristics	Test Method	Requirements
General Requirements		
Geometrical characteristics	DIN EN 13329	Length: ± 0.5mm Width: ± 0.1mm
Thickness	DIN EN 13329	∅ ≤ 0,5mm max. ≤ 0,5 mm
Squareness	DIN EN 13329	≤ 0.20 mm
Straightness	DIN EN 13329	≤ 0.30 mm/m
Flatness of the elements	DIN EN 13329	Width: concave ≤ 0.15% convex ≤ 0.20 % Length: concave ≤ 0.50 % convex ≤ 1.00 %
Openings	DIN EN 13329	∅ ≤ 0.15 mm max. ≤ 0.20 mm
Height difference	DIN EN 13329	∅ ≤ 0.10 mm max. ≤ 0.15 mm
Residual indentation 	ISO 24343-1	≤ 0.05 mm
Light fastness 	EN ISO 4892-2	grey scale level ≥ 4
Classification Requirements		
Wear resistance 	EN 13329	IP ≥ 6000 cycles (AC5)
Impact resistance 	EN 13329	small - diameter ball ≥ 15 N large - diameter ball ≥ 1000 mm
Castor chair resistance 	EN 425	no damage with type W after 25 000 cycles
Thickness swelling 	EN 13329	≤ 15 %
Locking strength 	ISO 24334	F _{0.2} ≥ 1.0 kN/m F _{0.2} ≥ 2.0 kN/m
Movement of a furniture leg 	EN 424	no damage with type 0
Resistance to staining 	EN 438-2	5 (group 1 and 2), 4 (group 3)
Surface soundness	EN 311	≥ 1.25 N/mm ²
Essential Characteristics		
Reaction to fire* 	EN 13501-1	Cfl - s1
Slip resistance* 	EN 13893	D5
Electrostatic behavior* 	EN 1815	≤ 2 kV
Formaldehyde* 	EN 16516	E1
Formaldehyde-Emission	ASTM D6007	US EPA TSCA Title VI / CARB P 2
VOC Emissionen 	Décret no 2011-321	A+
Thermal conductivity* 	EN 12667	≥ 0.75 W/mK
Thermal resistance* 	EN 12667	R ≤ 0.09 (m ² K)/W
additional requirements		
VOC Emissionen   	CA 01350 ID 1112 - 33058 - 001 RAL-UZ 176	GREENGUARD GOLD eco Label Blauer Engel

We guarantee consistency of our decor colours under artificial light of type D50 (CIE D50, ANSI PH 2.30, ISO 3664) and D65 (CIE D65).

* basic attributes concerning health, safety and energy saving acc.

CE EN 14041

Our technical data sheets are constantly updated and adapted to the state of the art.
This edition replaces all previous versions and is valid at the time of writing.
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