

Technical Data Sheet

Laminated Flooring Artens Intenso H2O

Class 32 according to DIN EN 13329



CLASSEN®



















Profile:

Core board:
Dimensions:
Quantity / Weight per box (PU):
Quantity / Weight per pallet:


megaloc

aqua protect

Classenboard HDF
1285 x 192 x 12 mm
8 pieces = 1.480 m² / approx. 16 kg
52 PU = 76.960 m² / approx. 832 kg

Characteristics	Test Method	Requirements	
General Requirements			
Geometrical characteristics	EN 13329	Length: ± 0.5 mm Width: ± 0.1 mm	
Thickness	EN 13329	∅ ≤ 0.5 mm	
Squareness	EN 13329	≤ 0.20 mm	
Straightness	EN 13329	≤ 0.30 mm/m	
Flatness of the elements	EN 13329	Width: concave ≤ 0.15% convex ≤ 0.20% Length: concave ≤ 0.50% convex ≤ 1.00%	
Openings	EN 13329	∅ ≤ 0.15 mm max. ≤ 0.20 mm	
Height difference	EN 13329	∅ ≤ 0.10 mm max. ≤ 0.15 mm	
Residual indentation 	EN ISO 24343-1	≤ 0.05 mm	
Light fastness 	EN ISO 4892-2	grey scale level ≥ 4	
Classification Requirements			
Wear resistance 	EN 13329	≥ 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	≤ 12 %	
Locking strength 	ISO 24334	F _{0.2} ≥ 1.0 kN/m F _{50.2} ≥ 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	Cn - s1	
Slip resistance* 	EN 13893	DS	
Electrostatic behavior* 	EN 1815	≤ 2 kV	
Formaldehyde* 	EN 16516	E1	
Formaldehyde-Emissions	ASTM D6007	US EPA TSCA Title VI / CARB P 2	
VOC Emissions 	Décret no 2011-321	A+	
Thermal conductivity* 	EN 12667	≥ 0.75 W/mK	
Thermal resistance* 	EN 12667	R ≤ 0.11 (m ² K)/W	
Additional requirements			
VOC Emissions 		according to eco institute specifications	eco Institute Label
		RAL-UZ 176	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. to  EN14041

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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