

Technical Data Sheet

Laminated Flooring 832-4 WR

Class 32 according to DIN EN 13329



CLASSEN.

Profile:

ML2.0

by CLASSEN



Core board:

Dimensions:

Quantity / Weight per box (PU):

Quantity / Weight per pallet:

Classenboard HDF
 1285 x 192 x 8 mm
 8 pieces = 1.973 m² / approx. 14 kg
 48 PU = 94.704 m² / approx. 672 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	Ø ≤ 0.15 mm max. ≤ 0.20 mm	
Height difference	EN 13329	Ø ≤ 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	≥ 4000 cycles (AC4)	
Impact resistance 	EN 13329	small - diameter ball ≥ 12 N large - diameter ball ≥ 750 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 _{10.2} ≥ 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	C _{fl} - 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 ≤ 0.07 (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 **CE 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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