














Technical Data Sheet

Laminated Flooring 832-4 WR
Class 32 according to DIN EN 13329



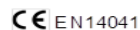
Core board:
Profile:
Dimensions:
Quantity / Weight per box (PU):
Quantity / Weight per pallet:

Classenboard HDF
ML 2.0
1285 x 192 x 8
8 pieces = 1.973 m² / approx. 14 kg
48 PU = 94.704 m² / approx. 672 kg

Characteristics	Test Method	Requirements
General Requirements		
Geometrical characteristics	DIN EN 13329 Annex A	Length: ± 0.5 mm Width: ± 0.1 mm
Thickness	DIN EN 13329 Annex A	$\varnothing \leq 0,5$ mm
Squareness	DIN EN 13329 Annex A	≤ 0.20 mm
Straightness	DIN EN 13329 Annex A	≤ 0.30 mm/m
Flatness of the elements	DIN EN 13329 Annex A	Width: concave $\leq 0.15\%$ convex $\leq 0.20\%$ Length: concave $\leq 0.50\%$ convex $\leq 1.00\%$
Openings	DIN EN 13329 Annex B	$\varnothing \leq 0.15$ mm max. ≤ 0.20 mm
Height difference	DIN EN 13329 Annex B	$\varnothing \leq 0.10$ mm max. ≤ 0.15 mm
Residual indentation 	EN ISO 24343-1 : 2012	≤ 0.05 mm
Light fastness 	EN ISO 4892-2:2006/A1:2009	grey scale level ≥ 4
Classification Requirements		
Wear resistance 	EN 13329 Annex E	IP ≥ 4000 cycles (AC4)
Impact resistance 	EN 13329 Annex H	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 	ISO 24336	$\leq 18\%$
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	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
Formaldehyde* 	EN 717-1	E1
Thermal resistance* 	EN 12667	R ≤ 0.07 (m ² K)/W

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.



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.
Version 02 / 2020

This document is valid without signature.