

# Technical Data Sheet

Laminated Flooring 832-4



Class 32 according to DIN EN 13329

**Profile:**

**megaloc**  
by CLASSEN

**Core board:**  
**Dimensions:**  
**Quantity**  
**Quantity**

**Classenboard HDF**  
**605 x 282 x 8 mm**  
**8 pieces = 2.047 m<sup>2</sup>**  
**56 PU = 65.504 m<sup>2</sup>**

Characteristics	Test Method	Requirements
<b>General Requirements</b>		
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	<b>Width:</b> concave ≤ 0.15% convex ≤ 0.20 % <b>Length:</b> 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
<b>Classification Requirements</b>		
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	≤ 18 %
Locking strength 	ISO 24334	F <sub>10.2</sub> ≥ 1.0 kN/m F <sub>50.2</sub> ≥ 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 <sup>2</sup>
<b>Essential Characteristics</b>		
Reaction to fire* 	EN 13501-1	Cl <sub>s</sub> - 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 <sup>2</sup> K)/W
<b>Additional requirements</b>		
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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