

Technical Data Sheet



832-4

Class 32 according to DIN EN 13329:2024-03

Version: 11/2024

Profile:

megaloc
by CLASSEN

Core board:

Classenboard HDF

Dimensions:

1286 x 194 x 8 mm

Quantity / Weight per box (PU):

8 pieces = 1.996 m² / approx. 15 kg

Quantity / Weight per pallet:

48 PU = 95.80 m² / approx. 675 kg

Characteristics		Test Method	Requirements
General Requirements			
Geometrical characteristics		EN 17539	Length: ± 0.5 mm Width: ± 0.1 mm
Thickness		EN 17539	± 0.5 mm
Squareness		EN 17539	max. ≤ 0.20 mm
Straightness		EN 17539	max. ≤ 0.30 mm/m
Flatness of the elements		EN 17539	Width: concave ≤ 0.15%, convex ≤ 0.20 % Length: concave ≤ 0.50 %, convex ≤ 1.00 %
Openings		EN 17539	Ø ≤ 0.15 mm max. ≤ 0.20 mm
Height difference		EN 17539	Ø ≤ 0.10 mm max. ≤ 0.15 mm
Light fastness		EN ISO 489-2:2013	Grey scale level ≥ 4
Residual indentation		EN ISO 24343-1	≤ 0.05 mm
Classification Requirements			
Wear resistance		ISO 24338 Method A	> 4,000 cycles (AC4)
Impact resistance		EN 17368 DIN EN 13329:2024-03 Annexe C	Small-diameter ball ≥ 35 mm Large-diameter ball ≥ 600 mm
Resistance to staining		EN 438-2	5 (group 1 and 2), 4 (group 3)
Movement of a furniture leg		EN ISO 16581	No visible damage with type 0
Castor chair resistance		EN ISO 4918	No visible damage with type W after 15,000 cycles
Thickness swelling		ISO 24336	≤ 18 %
Locking strength		ISO 24334	f _{0,2} ≥ 1.0 kN/m f _{50,2} ≥ 2.0 kN/m
Surface soundness		DIN EN 13329:2024-03 Annexe B	≥ 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
Thermal conductivity*		EN 12667	≥ 0.075 W/mK
Thermal resistance*		EN 12667	R ≤ 0.058 (m ² K)/W
Additional requirements			
Topical moisture resistance-surface swell		ISO 4760	- Qualitative recovery swell rating final average < 3 - Recovery swell final average ≤ 0,3 mm swelling
Topical moisture resistance-water thightness of the joints		ISO 4760	No water leakage through the joints after 48 h water exposure
VOC Emissions	 TESTED PRODUCT ID 1112 - 33858 - 001	 www.blauer-engel.de/uz176 • low emissions and pollutants • wood from sustainable forestry • no adverse impact on health in the living environment	 A+ A B C

Disposal: Private: with normal household waste / bulky waste possible | Commercial: European Waste Catalog: Waste code 17 02 03

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 EN 14041

Our technical data sheets are constantly updated and adapted to the state of the art.

CLASSEN Holz Kontor GmbH, Werner-von-Siemens-Str. 18-20, DE-56759 Kaisersesch

This edition replaces all previous versions and is valid at the time of writing.

This document is valid without signature.