Technical Data Sheet

832 XL-4

Class 32 according to DIN EN 13329

CLASSEN®

Profile: megaloc by CLASSEN

Core board: Classenboard HDF
Dimensions: 1286 x 282 x 8 mm
Quantity / Weight per box (PU): 6 pieces = 2.176 m² / approx. 16 kg
Quantity / Weight per pallet: 32 PU = 69.632 m² / approx. 512 kg

Characteristics	Test Method	Requirements
General Requirements		
Geometrical characteristics	EN 13329	Length: ± 0.5 mm Width: ± 0.1 mm
Thickness	EN 13329	Ø ≤ 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 17368 EN 13329	small - diameter ball ≥ 35 mm large - diameter ball ≥ 750 mm
Castor chair resistance	EN 425	no damage with type W after 25 000 cycles
Thickness swelling	ISO 24336	≤ 18 %
Locking strength	ISO 24334	$F_{l0.2}$ ≥ 1.0 kN/m $F_{s0.2}$ ≥ 2.0 kN/m
Movement of a furniture leg	EN ISO 16581	no damage with type 0
Resistance to staining	EN 438-2	5 (group 1 and 2), 4 (group 3)
Surface soundness	EN 13329	≥ 1.25 N/mm²
Essential Characteristics		
Reaction to fire*	EN 13501-1	C_{fl} - $_{s}$1
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	≥ 0.075 W/mK
Thermal resistance*	EN 12667	R ≤ 0.06 (m²K)/W
Additional requirements		
VOC Emissions	eco INSTITUT TESTED PRODUCT ID 1112 - 33058 - 001	BLUE ANGEL THE GERMAN ECOLABEL **www.blauer-engel.de/uz176** • low emissions and pollutants • wood from sustainable forestry • no adverse impact on health in the living environment

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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This document is valid without signature.