

Technical Data Sheet

Life 4V

Klasse 33 gemäß EN 13329



Version: 03/2024



Profile: megaloc
aqua protect

Core board: Classenboard HDF
1285 x 192 x 8 mm

Dimensions: 1285 x 192 x 8 mm

Quantity / Weight per box (PU): 9 pieces = 2.220 m² / approx. 15 kg

Quantity / Weight per pallet: 44 PU = 97,70 m² / approx. 691 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	≤ 0,20 mm
Straightness	EN 17539	≤ 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	∅ ≤ 0,15 mm max. ≤ 0,20 mm
Height difference	EN 17539	∅ ≤ 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
Klassifizierungsanforderungen		
Wear resistance 	ISO 24338 Method A	≥ 6000 cycles (AC5)
Impact resistance 	EN 17368 EN 13329 Annexe C	small-diameter ball ≥ 70 mm big-diameter ball ≥ 750 mm
Castor chair resistance 	ISO 4918	no damage with type W (20.000 cycles)
Thickness swelling 	ISO 24336	≤ 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 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/mm ²
Essential Characteristics		
Reaction to fire* 	EN 13501-1	C _{fl} - s1
Slip resistance* 	EN 16165	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 (m ² K)/W
zusätzliche Merkmale		
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 tightness of the joints	ISO 4760	No water entry through the connection after exposure to water for 48 hours
VOC Emissions	  www.blauer-engel.de/uz176 • emissions- und schadstoffarm • Holz aus nachhaltiger Forstwirtschaft • in der Wohnumwelt gesundheitlich unbedenklich	 PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS GREENGUARD GOLD

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.

This document is valid without signature.