

# Technical Data Sheet

Trend 4V

Class 33 according to EN 13329: 2023



Version: 08/2024

**megaloc**  
aqua protect

**Profile:**  
**Core board:** Classenboard HDF  
**Dimensions:** 1285 x 182 x 8 mm  
**Quantity / Weight per box (PU):** 8 pieces = 1.973 m<sup>2</sup> / approx. 13.98 kg  
**Quantity / Weight per pallet:** 48 PU = 94.704 m<sup>2</sup> / approx. 671 kg

Characteristics	Test Method	Requirements
<b>General Requirements</b>		
Geometrical characteristics	EN 17539	Lengths: ± 0.5 mm Width: ± 0.1 mm
Total 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	∅ ≤ 0.15 mm max. ≤ 0.20 mm
Height difference	EN 17539	∅ ≤ 0.10 mm max. ≤ 0.15 mm
Residual Indentation	EN ISO 24343-1	max. ≤ 0,15 mm
Light fastness	EN ISO 4892-2	grey scale level ≥ 4
<b>Classification Requirements</b>		
Wear resistance	ISO 24338 Method A	≥ 6000 Cycles (AC5)
Impact resistance	EN 17368 EN 13329 Annexe C	small - diameter ball ≥ 70 mm large - 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 <sub>10.2</sub> ≥ 1.0 kN/m F <sub>s0.2</sub> ≥ 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 <sup>2</sup>
<b>Essential Characteristics</b>		
Reaction to fire*	EN 13501-1 C <sub>fl</sub> -s1	C <sub>fl</sub> - s1
Slip resistance*	EN 16165 DS	DS
Electrical behaviour	EN 1815	≤ 2 kV
Formaldehyde*	EN 16516 E1	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 ≤ 0.06 (m <sup>2</sup> K)/W
Topical moisture resistance-surface swell	ISO 4760	- Qualitative recovery swell rating final average < 3 - Recovery swell final average ≤ 3 mm swelling
Topical moisture resistance-water thightness of the joints	ISO 4760	No water entry through the connection after exposure to water for 48 hours
VOC Emissions	<a href="http://www.blauer-engel.de/uz176">www.blauer-engel.de/uz176</a> • low emissions and pollutants • wood from sustainable forestry • no adverse impact on health in the living environment	

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 **CE** EN14041

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

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

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