

# Technical Data Sheet

Universe Wood



Usage Class 34 according to EN 16511

**Profile:**

**megaloc**  
by CLASSEN

**Core board:**  
**Dimensions:**  
**Quantity / Weight per box (PU):**  
**Quantity / Weight per pallet:**

**Classen Ceramin-Board**  
1290 x 203 x 4.5 mm  
9 pieces = 2.356 m<sup>2</sup> / approx. 16 kg  
48 PU = 113.088 m<sup>2</sup> / approx. 768 kg

Characteristics	Test Method	Requirements
<b>General Requirements</b>		
Geometrical characteristics	ISO 24337	lengths: ± 0.5 mm width: ± 0.1 mm
Total thickness	ISO 24337	± 0.5 mm
Flatness of the elements	ISO 24337	<b>width:</b> concave ≤ 0.15% convex ≤ 0.20 % <b>length:</b> concave ≤ 0.50 % convex ≤ 1.00 %
Squareness	ISO 24337	max. ≤ 0.20 mm
Straightness	ISO 24337	max. ≤ 0.30 mm/m
Openings	ISO 24337	∅ ≤ 0.15 mm max. ≤ 0.20 mm
Height difference	ISO 24337	∅ ≤ 0.10 mm max. ≤ 0.15 mm
Light fastness 	EN ISO 4892-2	grey scale level ≥ 4
<b>Classification Requirements</b>		
Wear resistance 	EN 15468	≥ 7000 U
Impact resistance 	EN 16511	≥ 1800 mm
Micro-scratch resistance	EN 16094	≤ MSR - A2
Castor chair resistance 	EN 425	no damage with type W (25.000 Cycles)
Movement of a furniture leg 	EN 424	no damage with type 0
residual indentation 	EN ISO 24343-1	max. ≤ 0.15 mm
Resistance to staining 	EN 438-2	5 (group 1 and 2), 4 ( group 3)
Thickness swelling 	ISO 24336	≤ 2 %
Locking strength 	ISO 24334	long side ≥ 2.0 kN/m short side ≥ 3.5 kN/m
Determination of dimensional stability and curling after exposure to heat 	ISO 23999	Δl ≤ 0.25 %
<b>Essential Characteristics</b>		
Reaction to fire* 	EN 13501-1	B <sub>s1</sub> - s1
Slip resistance* Matt Timberland 	EN 13893 DIN EN 16165 DIN EN 16165	DS R10 B
electrical behaviour 	EN 1815	not antistatic
Formaldehyde* 	EN 16516	not added
Thermal conductivity* 	EN 12667	R ≤ 0.018 (m <sup>2</sup> K)/W
reduction of transmitted impact noise with underlay "NEOlay"	EN ISO 10140-3	16 dB
Walking noise with underlay "NEOlay"	IHD W431 for standard laminate	42%
PCP-Content	CEN/TR 14823	PCP free
<b>Additional Characteristics</b>		
VOC Emissions	  <a href="http://www.blauer-engel.de/uz120">www.blauer-engel.de/uz120</a> <ul style="list-style-type: none"> <li>• low emissions</li> <li>• low pollutant content</li> <li>• no adverse impact on health in the living environment</li> </ul> 	

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  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.  
Version 02 / 2023

This document is valid without signature.