

# Technical Data Sheet

Nuva XXL



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**  
1800 x 246 x 4.5 + 1 mm  
6 pieces = 2.657 m<sup>2</sup> / approx. 20 kg  
42 PU = 111.586 m<sup>2</sup> / approx. 823 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	EN 13329	<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	no swelling
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	C <sub>n</sub> -1
Slip resistance* 	EN 13893	DS
electrical behaviour 	EN 1815	not antistatic
Formaldehyde* 	EN 16516	not added
Thermal resistance* 	EN 12667	R ≤ 0.033 (m <sup>2</sup> K)/W
reduction of transmitted impact noise with integrated underlay	EN ISO 10140-3	17 dB
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> • low emissions • low pollutant content • 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 EN 14041**

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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