

# Technical Data Sheet

Neo 2.0 Wood



Class 32 according to EN 16511

Surface Layer:

**sealtec**  
by CLASSEN

Core board:

Classen Ceramin-Board

Profile:

**megaloc**  
by CLASSEN

Dimensions:


















1290 x 173 x 4.5 mm

Quantity / Weight per box (PU):

11 pieces = 2.454 m<sup>2</sup> / approx. 17 kg


Quantity / Weight per pallet:

48 PU = 117.792 m<sup>2</sup> / approx. 816 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
Squareness	ISO 24337	max. ≤ 0.20 mm
Straightness	ISO 24337	max. ≤ 0.30 mm/m
Flatness of the elements	EN 13329	<b>width:</b> concave ≤ 0.15% convex ≤ 0.20 % <b>length:</b> concave ≤ 0.50 % convex ≤ 1.00 %
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	≥ 3000 U ( AC4 )
Impact resistance 	EN 16511	≥ 1200 mm
Micro-scratch resistance	EN 16094	≤ MSR - A3 ≤ MSR - B3
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. ≤ 0.20 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 ≥ 1.0 kN/m short side ≥ 1.5 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>n</sub> -s1
Slip resistance* 	EN 13893 DIN 51130	D5 R9
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 101140-3	16 dB
Walking noise without underlay / with underlay "NEOlay"	IHD W431 for standard laminate	42%
PCP-Content	CEN/TR 14823	PCP free
<b>Additional Characteristics</b>		
VOC Emissions  	according to eco institute specifications	eco Institute Label
	RAL-UZ 120	Blauer Engel

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 by  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.