













Technical Data Sheet

Neo 2.0 XXL
Usage Class 32



Surface Layer:	UV-Varnish
Core board:	Classen Ceramin-Board
Dimensions:	1800 x 246 x 4,5 mm
Quantity / Weight per box (PU):	7 pieces = 3.099 m ² / approx. 15 kg
Quantity / Weight per pallet:	39 PU = 120.861 m ² / approx. 585 kg

Characteristics	Test Method	Requirements
General Requirements		
Geometrical characteristics	ISO 24337	1800 x 246 mm
Total thickness	ISO 24337	4.5 mm
Squareness	ISO 24337	max. ≤ 0.20 mm
Straightness	ISO 24337	max. ≤ 0.30 mm
Openings	ISO 24337	∅ ≤ 0.15 mm max. ≤ 0.20 mm
Height difference	ISO 24337	∅ ≤ 0.10 mm max. ≤ 0.15 mm
Classification Requirements		
Resistance to staining 	EN 438	5 (group 1 and 2), 4 (group 3)
Thickness swelling 	EN 24336	≤ 2 %
Movement of a furniture leg 	EN 424	no damage with type 0
Castor chair resistance 	EN 425	no damage with type W
Micro-scratch resistance 	EN 16094	≤ MSR - A1 ≤ MSR - B1
Impact resistance 	ISO 24335	> 1200 mm
Wear resistance 	EN 15468 Verfahren B	3000 U
residual indentation 	EN ISO 24343-1	max. ≤ 0.2 mm
Locking strength	ISO 24334	long side ≥ 1,0 kN/m short side ≥ 2,0 kN/m
Determination of dimensional stability and curling after exposure to heat	ISO 23999	Δl ≤ 0.25 %
Essential Characteristics		
Reaction to fire* 	EN ISO 11925-2 EN ISO 9239-1	Bfl - S1
Slip resistance* 	EN 13893 BGR 181 10/2003 DIN 51130:2010	DS R10
Formaldehyde* 	EN 717-1	E1 (not detectable)
Thermal conductivity* 	EN 12667	R ≤ 0.02 (m ² K)/W
reduction of transmitted impact noise without underlay / 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	tbd

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  EN 14041:2008

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 / 2016

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