













Technical Data Sheet


Neo 2.0 Stone
Usage Class 32



Surface Layer: UV-Varnish
Core board: Classen Ceramin-Board
Dimensions: 638 x 310 x 4,5 mm
Quantity / Weight per box (PU): 12 pieces = 2.373 m² / approx. 16 kg
Quantity / Weight per pallet: 44 PU = 104.41 m² / approx. 704 kg

Characteristics	Test Method	Requirements
General Requirements		
Geometrical characteristics	ISO 24337	638 x 310 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 13893:2003	DS
Formaldehyde* 	EN 717-1	E1 (not detectable)
Thermal conductivity* 	EN 12667	R ≤ 0,02 (m ² 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 stadard 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  EN14041:2004

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 signatur.