

Technical Data Sheet



Neo 2.0 Stone
Structure: Slate / Sphinx
Class 32 according to EN 16511

Surface Layer:

sealtec
by CLASSEN

Core board:

Classen Ceramin-Board

Profile:

megaloc
by CLASSEN

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 = 104.412 m² / approx. 704 kg

Characteristics	Test Method	Requirements
General Requirements		
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	width: concave ≤ 0.15% convex ≤ 0.20% length: 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
Classification Requirements		
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 %
Essential Characteristics		
Reaction to fire*	 EN 13501-1	Bfl-s1
Slip resistance*	 EN 13893 DIN 51130 DIN 51097	DS R10 B
electrical behaviour	 EN 1815	not antistatic
Formaldehyde*	 EN 16516	not added
Thermal conductivity*	 EN 12667	R ≤ 0.018 (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 standard laminate	42%
PCP-Content	CEN/TR 14823	PCP free
Additional Characteristics		
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  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.
Version 10 / 2020

This document is valid without signature.