















Technical Data Sheet

Ceramico Slim Essential STONE
Surface: Slate / Sphinx
Usage Class 32 according to EN 16511




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 = 104.412 m² / approx. 704 kg

Characteristics	Test Method	Requirements
General Requirements		
Geometrical characteristics	ISO 24337	lengths: ± 0.5mm width: ± 0.1mm
Total thickness	ISO 24337	± 0.5mm
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
Classification Requirements		
Resistance to staining	 EN 438	5 (group 1 and 2), 4 (group 3)
Thickness swelling	 ISO 24336	≤ 2 %
Movement of a furniture leg	 EN 424	no damage with type 0
Castor chair resistance	 EN 425	no damage with type W (25.000 Cycles)
Micro-scratch resistance	EN 16094	≤ MSR - A3 ≤ MSR - B3
Impact resistance	 ISO 24335	≥ 1200 mm
Wear resistance	 EN 15468 Procedure B	≥ 3000 U
residual indentation	 EN ISO 24343-1	max. ≤ 0.20 mm
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	Bn - s1
Slip resistance*	 EN 13893 DIN 51130:2010	DS R10
electrical behaviour	 EN 1815	n.b.
Formaldehyde*	 EN 717-1	E1
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 standard laminate	42%
PCP-Content	CEN/TR 14823	PCP free

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 helth, 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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