

# stone Essence

## Technical Data Sheet

Floating		stone Essence	
Dimension			1830 x 185 x 11,5mm   72 x 7 1/4 x 1/2"
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	32
Finish Description	--	--	NPC - Polyurethane moisture-curing
	<b>Standard-Test Method</b>	<b>Unit</b>	
<b>General Properties</b>		<b>EN 14085 + EN 12104 + EN 655 + EN 14041</b>	
Dimensions: Width Length	EN ISO 24342	mm	± 0,10 with max. 0,5 max. 2,0
Overall thickness	EN ISO 24346	mm	Nominal ± 0,25   Maximum deviation from the average ± 0,30
Squareness	EN ISO 24342	mm	≤ 0,50
Straightness measured at the surface layer	EN ISO 24342	mm	≤ 0,30
Flatness of the panel (Length - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0
Flatness of the panel (Width - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,10 / ≤ 0,15
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,15 / ≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,15 / ≤ 0,20
Dimensional stability (humidity)	EN 14085 / EN 669 (Annex C)	%	≤ 5
Mass per unit area	ISO 23997	g/m <sup>2</sup>	8000 +/-10%
Colour fastness	ISO 105-B02	Blue wool scale	--
Apparent density	EN 672	Kg/m <sup>3</sup>	≥ 760 / ≥ 95% nominal value
<b>Classification properties - EN 655 + EN 649 + EN 14085</b>			
Overall thickness (Vinyl + Cork layer)	ISO 24346	mm	--
Castor Chair	EN 425 / ISO 4918	Visual effect after 25 000 cycles	No disturbance to the surface other than slight change in appearance and no delamination shall occur
Simulated movement of a furniture leg	EN 424 / ISO 16581	Visual effect	No damage shall be visible when tested with foot type 2
Residual indentation	EN ISO 24343-1	mm	≤ 0,3
Thermal resistance	EN 12667	(m <sup>2</sup> K)/W	R ≤ 0.15 (m <sup>2</sup> K)/W (d)
<b>Safety Properties - EN 14041</b>			
Fire resistance	EN 13501-1	Class	Of1 s1
Slip classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Electrical behaviour	EN 1815	KV	Not Antistatic
Content pentachlorophenol (PCP)	EN 14041 (Annex B) CEN/TR 14823 (Ihd-W 409)	% mg/Kg	-- PCP free
<b>Optional Properties</b>			
Stains resistance	ISO 26987 (a)	Grade	Grade 0 = unchanged ©
Thermal resistance	EN 12667	(m <sup>2</sup> K)/W	R ≤ 0.15 (m <sup>2</sup> K)/W (d)
Impact sound reduction	ISO 140-8	dB (ΔLw)	18
Reduction improvement	EPH/IHD Works Standard 431	dB(A)	Reduction improvement 12 dB (A) Difference of loudness 47,5%

(a) The following products were tested: Desinfectant, C<sub>2</sub>H<sub>5</sub>OH, NH<sub>2</sub>OH, Citric acid, iodine, petroleum, spirit

(b) Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong Change

\* Except Iodine - Grade 2 - Little change

# WICANDERS



Greenguard Certification helps the identification of interior products and materials that have low chemical emissions, improving the quality of the air in which the products are used. It promotes global sustainability, environmental health, and safety.



TÜV-PROFICERT-product Interior brand is a voluntary, independent label for VOC-emission and quality of floorings. The results comply with the emission thresholds of AgBB, Belgian VOC regulation, Finnish M1 classification, BREEAM Exemplary Level, LEED v4 (outside North America), RAL-UZ 120 and Austrian Eco Label (Guideline UZ 56).



As of January 2012, France has adopted regulations that limit total VOC emissions of building products. Manufacturers, selling their products in France must obtain a classification ranging from A+ (very low emissions) to C (high emissions). The declared goal is to improve indoor air quality in private/ commercial buildings.



An Environmental Product Declaration is a verified document that reports environmental data of products based on life cycle assessment and other relevant information in accordance with the international standard ISO 14025.



The goal of the German Cork Association is to assure the quality of cork products, as well as the optimization of manufacturing processes and the support of research projects.



CE marking is a certification mark that indicates conformity with health, safety and environmental protection standards for products sold within the European Economic Area (EEA).

