

Technical Data Sheet

Floating		cork Essence	
Dimension			905 x 295 x 10,5mm 35 5/8 x 11 5/8 x 3/8" 1220 x 185 x 10,5mm 48 1/32 x 7 9/32 x 13/32"
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	31
Finish Description	--	--	XTRAMATT+
	Standard-Test Method	Unit	

General Properties - EN 14085 + EN 12104 + EN 655

Dimensions:			
Width	EN ISO 24342	mm	± 0,10% up to max. 0,5
Length			max. 2,0
Overall thickness	EN ISO 24346	mm	± 0,25
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	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5
Mass per unit area	ISO 23997	g/m ²	Nominal Value (8000) -10%; +13%

Classification Properties - EN 14085 + EN 12104 + EN 655

Nominal thickness for cork surface	EN ISO 24340	mm	≥ 3,0
Castor Chair	EN 425	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	Visual effect	No damage shall be visible after testing with a type 2 foot
Residual indentation	EN ISO 24343-1	mm	≤ 0,40

Safety Properties - EN 14041

Fire resistance	EN 13501-1	Class	C fl-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)	mg/Kg	PCP Free

Optional Properties

Stains resistance	ISO 26987	Grade	Grade 5 (NaOH Grade 4) (a2) (b2)
Thermal resistance	EN 12667	(m ² K)/W	R ≤ 0,150
Impact sound reduction	ISO 140-8	dB (ΔL _w)	16
Reduction improvement		dB(A)	13,2
Difference of loudness	EPH/IHD Works Standard 431	%	51,6

(a1) The following products were tested: Desinfectant, Petroleum spirit, C₂H₅OH, NH₄OH, Citric acid and Iodine.

(a2) The following products were tested: acetone, coffee, NaOH, H₂O₂, shoe polish.

(b1) Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong change.

(b2) Grade 5 - no visible change / Grade 4 - very minor changes / damages at the surface / Grade 3 - minor changes / damages at the surface / Grade 2 - Strong changes / damages at the surface / Grade 1 - Surface destruction.



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.



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).



5 POINTS



7 POINTS