





# Technical Data Sheet

			<b>Floating Hydrocork</b> <b>0,55mm Wear Layer</b> 1225 x 145 x 6mm   48 1/4 x 5 11/16 x 1/4"
Domestic	ISO 10874	Class	23  
Commercial	ISO 10874	Class	33  
<b>General properties - ISO 10582 + EN 14085 + EN 14041</b>			
Dimensions:	Standard	Unit	Specification
Width:	ISO 24342	mm	+ 0,10% up to max. 0,5mm
Length:			max. 2,0mm
Overall thickness	ISO 24346	mm	nominal + 0,25
Squareness	ISO 24342	mm	≤ 0,50
Straightness measured at the surface layer	ISO 24342	mm	≤ 0,30
Mass per unit area	ISO 23997	g/m <sup>2</sup>	Nominal +13% / -10%
Dimensional stability (humidity)	EN 14085 Annex C/ EN 669	mm	≤ 5
Dimensional stability and curling after exposure to heat	ISO 23999	%	≤ 0,25
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20
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
Residual indentation	ISO 24343-1	mm	≤ 0,1
Colour fastness	ISO 105-BO2	Blue wool scale	≥ 6
<b>Classification properties - ISO 10582 + EN 14085</b>			
Wear layer thickness (wear layer binder content Type 1)	ISO 24340	mm	0,55
Thickness swelling	ISO 24336	%	≤ 15
Castor chair	EN 425	Visual effect - after 25.000 cycles	No disturbance to the surface other than a 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 0 foot
<b>Safety properties - EN14041</b>			
Fire resistance	ISO 11925-2/ISO 9239-1(classification according to EN 13501-1)	Class	Bfl-s1
Slip resistance	EN13893	Class	DS
Formaldehyde emission	DIN EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 14041 Annex B	%	Undetectable
<b>Additional properties</b>			
Stains resistance	ISO 26987 (a)	Grade	Grade 0 (b)
Thermal resistance	EN 12667	(m2K)/W	0,05
Impact sound reduction	ISO 140-8	dB (ΔLw)	16 dB
Walking sound	IHD -W431	dB (A)	Reduction improvement 11,1dB Difference of Loudness 51,1%
Swelling of the joints (Moisture Exposure)	IHD 423	mm	No visible effect
<b>ASTM Standards</b>			
Airborne Sound Transmission Loss	ASTM E90 /ASTM E413	STC (dB)	62 dB
Impact Sound Transmission	ASTM E492 /ASTM E989	IIC (dB)	61 dB
Impact Sound Transmission	ASTM E2179	ΔIIC	18 dB
Smoke Density	ASTM662	KW/m <sup>2</sup>	Flaming & Non Flaming ≤ 450
Radiant Panel (Critical Radiant Flux)	ASTM E648	(W/cm <sup>2</sup> )	≥ 0,45 W/cm <sup>2</sup> Exceeds, Class I
Thermal Resistance	ASTM C177	R-value (m2K)/W	0,0432
Residual indentation	ASTM F1914	%	0,4%
Static Load Limit	ASTM F970	in or mm	≤ 0,005 in (load of 250 lb) ≤ 0,127 mm (load of 113,4 Kg)
Ignition Characteristics of Finished Textile Floor Covering Systems	ASTM D2859	-	Meets the criteria

(a) - The following products were tested: Desinfectant, C<sub>2</sub>H<sub>5</sub>OH, NH<sub>4</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 for iodine = Grade 2

\* Please see the terms and conditions of Wicanders Limited Warranty in the website.

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