

# TECHNICAL DATA SHEET

Technical Data Sheet	Standard	Unit	wood Hydrocork Plus
Dimension (LxWxT)	-	-	1225 x 195 x 6mm 48 7/32 x 7 11/16 x 1/4"
Mass per unit	-	Kgs / m <sup>2</sup>	8,12
Packaging (box / pallet)	-	m <sup>2</sup>	1,672 / 93,632
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	33
<b>GENERAL PROPERTIES - EN 16511</b>			
Thickness, t -	ISO 24337	$\Delta t_{avg} \leq 0,50$ mm, relative to nominal value / $t_{max} - t_{min} \leq 0,50$ mm	Complies
	EN ISO 24346	$\pm 0,25$	-
Length, l	ISO 24337	$\leq 1500$ mm: $\Delta l \leq 0,5$ mm / $> 1500$ mm: $\Delta l \leq 0,3$ mm/m	Complies
	EN ISO 24342	+/- 0.5%	-
Width, w	ISO 24337	$\Delta w_{avg} \leq 0,10$ mm, relative to nominal value / $w_{max} - w_{min} \leq 0,20$ mm	Complies
	EN ISO 24342	+/- 0.10%	-
Squareness, q	ISO 24337	$max \leq 0,20$ mm	Complies
	EN ISO 24342	$< 0,2$	-
Straightness, s	ISO 24337	$max \leq 0,30$ mm/m	Complies
	EN ISO 24342	$\leq 0,30$	-
Openings, o	ISO 24337	$max \leq 0,20$ mm	Complies
Height difference, h	ISO 24337	$h_{max} \leq 0,15$ mm	Complies
Flatness of the panel (Length - concave / convex)	ISO 24337	concave $\leq 0,50$ %, / convex $\leq 1,0$ %	Complies
Flatness of the panel (Width - concave / convex)	ISO 24337	concave $\leq 0,15$ %, / convex $\leq 0,20$ %	Complies
	ISO 20326 (Anex C)	$\leq 0,25$ %	-
<b>CLASSIFICATION PROPERTIES - EN 16511</b>			
Wear resistance IP	EN 15468, procedure B	$\geq 5 000$ cycles	Complies
	EN 14354 (Annex D)		-
Impact resistance [mm] (big ball)	EN 13329:2006+A1:2008, Annex F	$\geq 1 600$ mm	Complies
Castor chair resistance	EN 425	25 000 cycles	Complies
Resistance to staining	EN 438-2	Groups 1 and 2: grade 5 Group 3: grade 4	Complies
Residual Indentation	EN ISO 24343-1	$\leq 0,2$ mm	Complies
	EN ISO 24343-1	$\leq 0,3$ mm	-
Swelling	ISO 24336	$\leq 18$ %	Complies
Dimensional Stability (heat conditions)	ISO 23999	$\leq 0,25$ %	Complies
<b>SAFETY PROPERTIES - EN 14041</b>			
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Bfl-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	Undetectable
<b>ADDITIONAL PROPERTIES</b>			
Impact sound reduction	EN ISO 10140	dB ( $\Delta L_w$ )	21*
Walking noise	IHD-W431	dB %	Difference of loudness 12,2dB Reduction improvement 42,0%
Thermal resistance (Thermal conductivity)	EN ISO 10456	m <sup>2</sup> K/W	0,05

\* with underlay