

# WICANDERS WISE

## wood Bionatural XL



HIGH QUALITY PROTECTIVE VARNISH WITH  
EMBOSSED IN REGISTER

DIGITAL PRINTING IMAGE ON CORK

CORK INLAY

CORK BIO CORE

INTEGRATED CORK UNDERLAY

Technical Data Sheet	Standard	Unit / Requirement	Value
Dimension (LxWxT)	-	-	1525x195x9.5mm
Mass per unit	-	Kgs / m <sup>2</sup>	9.2
Packaging (box / pallet)	-	M2	1,784 / 78,507
Level of use Domestic	ISO10874	Class	23
Level of use Commercial	ISO10874	Class	33

#### General properties - EN 16511

Thickness, t -	ISO 24337	$\Delta t_{avg} \leq 0,50$ mm, relative to nominal value / $t_{max} - t_{min} \leq 0,50$ mm	Complies
Length, l	ISO 24337	$\leq 1500$ mm: $\Delta l \leq 0,5$ mm / $> 1500$ mm: $\Delta l \leq 0,3$ mm/m	Complies
Width, w	ISO 24337	$\Delta w_{avg} \leq 0,10$ mm, relative to nominal value / $w_{max} - w_{min} \leq 0,20$ mm	Complies
Squareness, q	ISO 24337	$max \leq 0,20$ mm	Complies
Straightness, s	ISO 24337	$max \leq 0,30$ mm/m	Complies
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

#### Classification properties - EN 16511

Wear resistance IP	EN 15468, procedure B	$\geq 5\ 000$ cycles	Complies
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
Swelling	ISO 24336	$\leq 18$ %	Complies
Dimensional stability due to variation of temperature	EN ISO 23999	$\leq 0,25$ %	Complies
Effect of furniture leg	EN 424	-	No Visible Damage

#### Safety properties - EN 14041

Fire resistance	EN ISO 11925-2 + EN ISO 9239-1 : Class EN 13501-1	Class	C fl-s1
Slip Classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 14041 Annex B	mg/kg	Undetectable

#### Additional properties

Impact sound reduction	EN ISO 10140	dB ( $\Delta L_w$ )	18
Walking noise	EN16205:2020	dB	Reduction improvement -15
Thermal resistance (Thermal conductivity)	EN 12667 / ISO 1957	(m <sup>2</sup> K)/W	$R \leq 0,150$

#### NOTE:

(a) Grade 5 - No change / Grade 4 - Slight change / Grade 3 - Moderate change / Grade 2 - Considerable change / Grade 1- Strong change