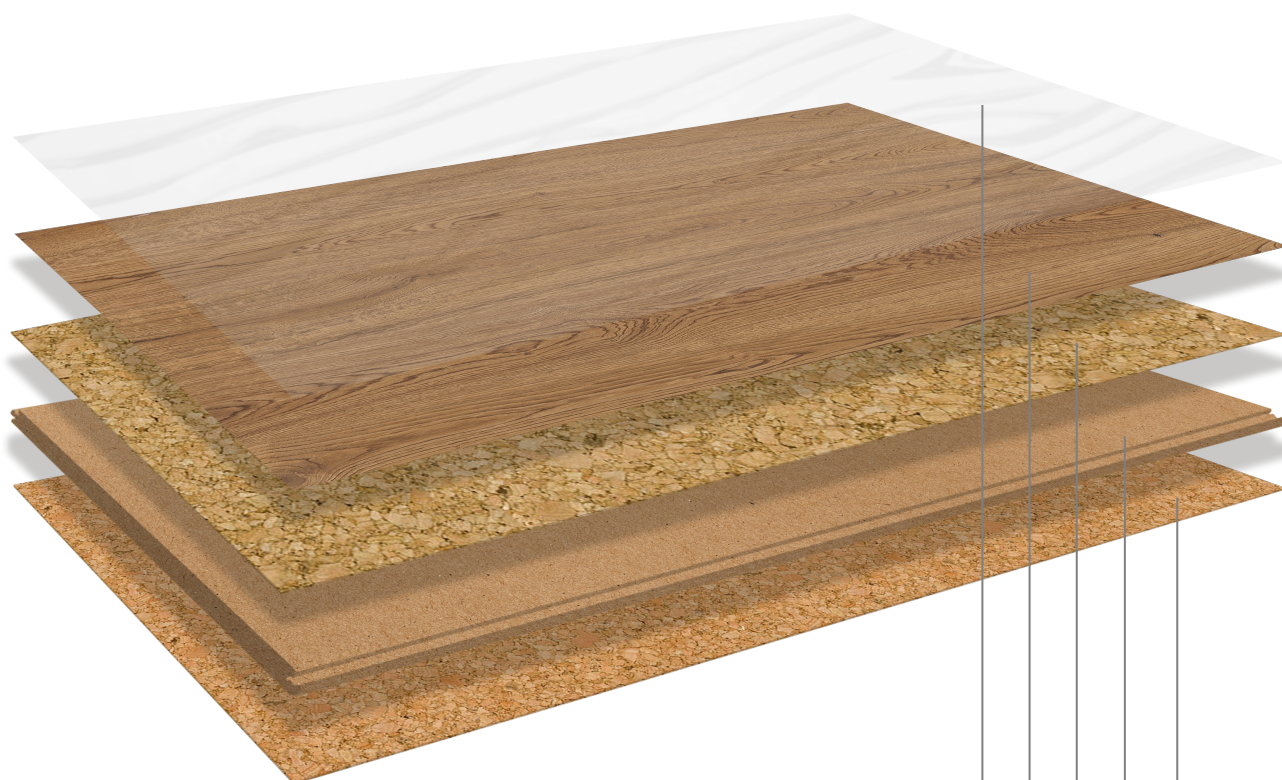


WICANDERS

wood Natural XL



HIGH QUALITY PROTECTIVE VARNISH WITH
EMBOSSSED IN REGISTER

DIGITAL PRINTING IMAGE ON CORK

CORK INLAY

NATURAL FIBER CORE

INTEGRATED CORK UNDERLAY

Technical Data Sheet	Standard	Unit / Requirement	Value
Dimension (LxWxT)	-	mm	1830x195x10.0
Mass per unit	-	Kgs/ m ²	7.1 1.45
Packaging (box / pallet)	-	m ² f ²	2.032 89.408 21.87 962.38
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	33
General properties - EN 16511			
Thickness, t -	ISO 24337	$\Delta t_{avg} \leq 0,50$ mm, relative to nominal valu / $t_{max} - t_{min} \leq 0,50$ mm	Complies
Length, l	ISO 24337	' $\leq 1\,500$ mm: $\Delta l \leq 0,5$ mm / $> 1\,500$ 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 (0.008 in)	Complies
Straightness, s	ISO 24337	$max \leq 0.30$ mm/m	Complies
Openings, o	ISO 24337	$max \leq 0.20$ mm (0.008 in)	Complies
Height difference, h	ISO 24337	$h_{max} \leq 0.15$ mm (0.006 in)	Complies
Flatness of the panel (Length - concave / convex)	ISO 24337	concave ≤ 0.50 % / convex ≤ 1.0 %	Complies
Flatness of the panel (Width - concave/convex)	ISO 24337	concave ≤ 0.15 % / convex ≤ 0.20 %	Complies
Dimensional stability under influence of temperature in x and y direction Curling in z direction	EN ISO 23999	$ \leq 0.15$ % ≤ 2 mm	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 16094 procedure A	25 000 cycles	Complies
Resistance to staining	EN ISO 4918	Groups 1 and 2: grade 5 Group 3: grade 4	Complies
Residual indentation	EN 424	$\leq 0,2$ mm	Complies
Swelling	EN ISO 24343-1	≤ 18 %	Complies
Locking strength	EN 438-2	kN/m Long side ≥ 1.0 Short side ≥ 1.5	Complies
Dimensional stability due to variation of temperature	ISO 24336	≤ 0.15 %	Complies
Effect of furniture leg	ISO 24334	No Visible Damage with foot type 0	Complies
Safety properties - EN 14041			
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1 : Class EN 13501-1	Class	Cfl-S1
Slip Classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 12673	% mg/kg	Undetectable
Additional properties			
Impact sound reduction	EN ISO 10140	dB (ΔL_w)	15
Walking noise	EN 16205	Sone	68.2
Thermal conductivity	EN 12667	W/m.K	$R \leq 0.150$
Thermal resistance	EN 12667 / ISO 1957	m ² .K/W	TBD
ASTM Standards			
Airborne sound transmission loss	ASTM E90 /ASTM E413	STC (dB)	76
Impact sound transmission	ASTM E492 /ASTM E989	IIC (dB)	69
Impact sound transmission	ASTM E2179	ΔIIC	21
Critical radiant flux)	ASTM E648-19A	(W/cm ²)	0.4
Smoke density	ASTM662	≤ 450	Complies

NOTE:

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