

Technical Data Sheet

	Standard	Unit	Value (Cork Pure)
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	
Finish Description	-	-	Water based PU varnish

General properties - EN 14085 + EN 12104 + EN 655

Dimensions:	EN ISO 24346	mm	≤ 0,2% up to max. 1,0mm
Overall thickness	EN ISO 24346	mm	0,+ 0,25
Squareness	EN ISO 24346	mm	-
Straightness measured at the surface layer	EN ISO 24346	mm	-
Squareness and Straightness: ≤ 400mm > 400mm	EN ISO 24346	mm	≤ 0,5 ≤ 1,0
Wear layer density	EN ISO 23996	Kg/m ³	-
Thickness of agglomerated composition cork base	EN ISO 24340	mm	-
Thickness of polyvinylchloride backing (average)	EN ISO 24340	mm	-
Thickness of cork floor tile	EN ISO 24346	mm	-
Flatness of the panel Length: Concave / convex Width: Concave / convex	EN 14085 (Annex A)	%	-
Openings between panels	EN 14085 (Annex B)	mm	-
Height difference between panels	EN 14085 (Annex B)	mm	-
Dimensional stability (humidity)	EN 669 (Annex C)	%	-
Dimensional stability after exposure to heat	EN ISO 23999	%	≤ 0,4
Curling after exposure to heat	EN ISO 23999	mm	≤ 6
Moisture content	EN 12105	%	-
Peel resistance	EN ISO 24345	N/50mm	-
Mass per unit area	ISO 23997	g/m ²	4mm: nominal value 1800+ - 10% 6mm: nominal value 2700 + - 10%
Apparent density	EN 672	Kg/m ³	≥ 95% of nominal value (450)

Classification properties - EN 14085 + EN 12104 + EN 655

Nominal thickness for cork surface	EN ISO 24340	mm	-
Wearing Group	EN 660-2	Fv(mm3)	-
Thickness of wear layer (Wear group T)	EN ISO 24340	mm (Nominal value)	-
Overall thickness	EN ISO 24346	mm	≥ 4,0
Apparent density	EN 672	Kg/m ³	≥ 450
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	4mm: C _{fl-s1} / 6mm: D _{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)	EN14041 Annex B	mg/Kg	PCP Free

Additional properties

Stains Resistance	ISO 26987(a)	Grade (b)	Grade 0 (Acetone grau 3; Iodine grau 2)
Thermal resistance	EN 12667	(m ² K)/W	R< 0,150
Impact sound reduction	ISO 140-8	dB(ΔL _w)	4mm: 13 / 6mm: 14
Reduction improvement	EPH/IHD Works Standard	dB(A)	4mm: 15,3 / 6mm: 17,2
Difference of Loudness	431	%	4mm: 65 / 6mm: 69
Gloss	Glossmeter (60°)	Degrees Gardner(°G)	-

(a) The following products were tested: Disinfectant, Ethanol, Ammonia Solution, Citric acid, Iodine, Cleaning benzine.

(b) Grade 0 = Unchanged; Grade 1 = Very little change; Grade 2 = Little change; Grade 3 = Change; Grade 4 = Strong change.

(c) Must be varnished on-site with minimum 1-2 coats of W-2000 or another recommended varnish

(d) Must be varnished on-site with minimum 1-2 coats of W-2000 or another recommended varnish for this level of use (see recommendation table in the packaging). (e) Must be varnished on-site with minimum 3 coats of W-2000 or another recommended varnish. (f) Must be varnished on-site with minimum 3-4 coats of W-2000 or another recommended varnish for this level of use (see recommendation table in the packaging). (g) Slab with Corkcomfort Floating WRT, reduces in 3dB the step sound when compared with the reference slab.