

Technical Data Sheet

Artcomfort Floating WRT

			Artcomfort WRT	
Level of use Domestic	EN 685	Class	23	
Level of use Commercial	EN 685	Class	31	
Surface Finishing			UV-cured Acrylic varnish with ceramic beads	
General Properties EN 14085 + EN 12104 + EN 655		Standard- Test Method	Unit	Specification
Dimensions - Rectangular panels: Width Length		EN 427	% mm	± 0,10 with max. 0,5 mm max. 2,0
Overall thickness		EN 428	Average mm Individual values mm	Nominal ± 0,25 Maximum deviation from the average ± 0,30
Squareness Straightness measured at the surface layer		EN 427	mm	≤ 0,50 ≤ 0,30
Flatness of the panel: Length: Concave / convex Width: Concave / convex		EN 14085 Annex A	%	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15
Openings between panels: Average Individual values		EN 14085 Annex B	mm	< 0,15 < 0,20
Height difference between panels: Average Individual values		EN 14085 Annex B	mm	< 0,15 < 0,20
Dimensional variation caused by changes in atmospheric humidity		EN 14085 Annex C / EN 669	%	< 5
Thickness of top cork surface		EN 428	mm	3,1
Mass per unit area		EN 430	g/m ²	8000 -/+10%
Apparent density: Average Individual values		EN 436	Kg/m ³	≥ 760 ≥ 95% nominal value
Classification properties - EN 14085				
Castor chair		EN425	Visual effect after 25 000 cycles	No disturbance to the surface other than slight change in appearance and no delaminating shall occur
Simulated movement of a furniture leg		EN 424	Visual effect	No damage shall be visible when tested with foot type 0
Thickness swelling floor panel		ISO 24336	%	≤ 18
Residual indentation		EN433	mm	≤ 0,4
Safety properties - EN 14041				
Fire resistance		EN13501-1	Class	Dfl s1
Slip Classification		EN 13893	Class	DS
Formaldehyde emission		DIN EN 717-1	Class	E1
Electrical behaviour		EN 1815	KV	Not Antistatic
Content pentachlorophenol (PCP)		CEN/TR 14823 (ihd-W 409)	mg/Kg	PCP Free
Optional properties				
Stains Resistance (a)		EN 438	Grade	Grade 5 = No visible change
Colour fastness		EN ISO 105-B02	Blue wool scale	> =6
Abrasion Resistance		EN 14354 Annex D	Revolutions Wt	≥ 7000
Thermal resistance		EN 12667	(m ² K)/W	R < 0.15 (m ² K)/W (b)
Impact sound reduction		ISO 140-8	dB (ΔL _w)	18
Step sound/ Step sound reduction		NF S 31 - 074	L _{n,e,w} (dB)/ΔE _{pw} (dB)	86/3 (c)

(a) The following products were tested: Acetone, Coffee, NaOH, H₂O₂ at 3%, Black shoe cream

(b) Suitable for floor heating systems, according to German Federal Association Radiant Panel Heating

(c) Slab with Artcomfort floating WRT reduces in 3dB the step sound when compared with the reference slab.

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