







Technical Data Sheet

			Vinylcomfort Floating		
			0,55mm Wear Layer 1220 x 185 x 10,5mm 48 x 7 1/4 x 3/8" 605 x 445 x 10,5mm 23 13/16 x 17 1/2 x 3/8"	0,3mm Wear Layer 1220 x 185 x 10,5mm 48 x 7 1/4 x 3/8" 905 x 295 x 10,5mm 35 5/8 x 11 5/8 x 3/8"	0,2mm Wear Layer 1220 x 185 x 10,5mm 48 x 7 1/4 x 3/8"
Level of use Domestic	ISO 10874	Class	23 	23 	23 
Level of use Commercial	ISO 10874	Class	33 	32 	31 
	Standard-Test Method	Unit	Specification EN 14085 + EN 649	Specification EN 14085 + EN 649	Specification EN 14085 + ISO 10582
General properties					
Dimensions	ISO 24342	mm	± 0,10% up to width: max. 0,5 mm length: max. 2,0 mm	± 0,10% up to width: max. 0,5 mm length: max. 2,0 mm	± 0,10 up to max. 0,5 mm max. 2,0 mm
Overall thickness	ISO 24346	mm	± 0,25	± 0,25	± 0,25
Straightness measured at the surface layer	ISO 24342	mm	≤ 0,30	≤ 0,30	≤ 0,30
Squareness	ISO 24342	mm	≤ 0,50	≤ 0,50	≤ 0,50
Apparent density	EN 672	Kg/m ³	Nominal value (960) ± 50	Nominal value (900) ± 50	Nominal (930) ± 50
Mass per unit area	ISO 23997	g/m ²	Nominal value (10150) - 10 % + 13%	Nominal value (9800) - 10 % + 13%	Nominal +13% / -10%
Dimensional stability (humidity)	EN 669 (Annex C)	mm	≤ 5	≤ 5	≤ 5
Dimensional stability (heat)	EN 14085 Annex C/ EN 669	%	-	-	-
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,20	≤ 0,20	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20	≤ 0,20	≤ 0,20
Flatness of the panel (Length - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0	≤ 0,50 / ≤ 1,0	≤ 0,50 / ≤ 1,0
Flatness of the panel (Width - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,10 / ≤ 0,15	≤ 0,10 / ≤ 0,15	≤ 0,10 / ≤ 0,15
Residual indentation	ISO 24343-1	mm	≤ 0,15	≤ 0,15	≤ 0,15
Colour fastness	ISO 105-BO2	Blue wool scale	≥ 6	≥ 6	≥ 6
Classification properties - EN 655 + EN 649 + EN 14085					
Wearing Group	EN 660-1	Thickness loss (ΔImm)	Wear group T	Wear group T	-
Overall thickness (Vinyl + Cork layer)	ISO 24346	mm	≥ 3,0	≥ 3,0	-
Thickness of wear layer (Wear Group T)	ISO 24340	mm	≥ 0,55	≥ 0,3	0,2
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	No disturbance to the surface other than slight change in appearance and no delamination shall occur	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	No damage shall be visible after testing with a type 2 foot	No damage shall be visible after testing with a type 2 foot
Safety properties - EN 14041					
Fire resistance	EN 13501-1	Class	Bfl s1	Bfl s1	Bfl s1
Slip Classification	EN 13893	Class	DS	DS	DS
Formaldehyde emission	DIN EN 717-1	Class	E1	E1	E1
Electrical behaviour	EN 1815	kV	Antistatic	Antistatic	Antistatic
Content pentachlorophenol (PCP)	CEN/TR 14823 (Ihd-W 409)	mg/Kg	PCP free	PCP free	-
	EN 14041 Annex B	%	-	-	Undetectable
Additional properties					
Stains Resistance	ISO 26987 (a)	Grade	Grade 0 (b) *	Grade 0 (b)	Grade 0 (b)
Thermal resistance	EN 12667	(m ² K)/W	0,093	0,104	R <0,112
Impact sound reduction	ISO 140-8	dB (ΔLw)	16	16	16
Step sound/ Step sound reduction	NF S 31 - 074	L _{n,e,w} (dB)/ΔE _{ρw} (dB)	81	81	81
Walking noise	IHD - W431	dB (A)	Reduction improvement 11,4 dB(A) Difference of loudness 45,4%	Reduction improvement 11,4 dB(A) Difference of loudness 45,4%	Reduction improvement 11,4 dB (A) Difference of loudness 45,4%

(a) The following products were tested: Desinfectant, C2H5OH, NH4OH, Citric acid, iodine, petroleum, spirit

(b) Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong Change

* Except Iodine - Grade 2 - Little change