

Technical Data Sheet

Corkcomfort Floating					
		WPS	WRT	HPS	
		905x295x10,5mm 35 5/8x11 5/8x3/8"	905x295x10,5mm 35 5/8x11 5/8x3/8" 605x445x10,5mm 23 13/16x17 1/2x3/8" 1220x140x10,5mm 48x5 1/2x3/8" 1230x145x10,5mm 48 3/8x5 5/8"x7/16"	905x295x10,5mm 35 5/8x11 5/8x3/8" 1220x140x10,5mm 48x5 1/2x3/8"	
Level of use Domestic	ISO 10874	Class	23	23	23
Level of use Commercial	ISO 10874	Class	-	31	33
Finish Description	-	-	UV Acrylic varnish	UV-cured Acrylic varnish with ceramic beads	UV-cured Acrylic varnish with nano particles
	Standard- Test Method	Unit	Specification		
General Properties - EN 14085 + EN 12104 + EN 655					
Dimensions:	EN ISO 24346	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 Width : max. 0,5 mm Length: max. 2,0 mm
Overall thickness	EN ISO 24346	mm	± 0,25	± 0,25	± 0,25
Squareness	EN ISO 24346	mm	≤ 0,50	≤ 0,50	≤ 0,50
Straightness measured at the surface layer	EN ISO 24346	mm	≤ 0,30	≤ 0,30	≤ 0,30
Squareness and Straightness: ≤ 400mm > 400mm	EN ISO 24346	mm	-	-	-
Wear layer density	EN ISO 23996	Kg/m ³	-	-	nominal value (1360) ± 50
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)	%	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15
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
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5	≤ 5	≤ 5
Dimensional stability after exposure to heat	EN ISO 23999	%	-	-	-
Curling after exposure to heat	EN ISO 23999	mm	-	-	-
Moisture content	EN 12105	%	-	-	-
Peel resistance	EN ISO 24345	N/50mm	-	-	≥ 35
Mass per unit area	ISO 23997	g/m ²	nominal value (8000) -10%; +13%	nominal value (8000) -10%; +13%	nominal value (8500) -10%; +13%
Apparent density	EN 672	Kg/m ³	-	-	-
Classification Properties - EN 14085 + EN 12104 + EN 655					
Nominal thickness for cork surface	EN ISO 24340	mm	≥ 2,5	≥ 3,0	-
Wearing Group	EN 660-2	Fv(mm3)	-	-	Wear group T
Thickness of wear layer (Wear group T)	EN ISO 24340	mm (Nominal value)	-	-	≥ 0,5
Overall thickness	EN ISO 24346	mm	-	-	-
Apparent density	EN 672	Kg/m ³	-	-	-
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
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
Residual indentation	EN ISO 24343-1	mm	≤ 0,40	≤ 0,40	≤ 0,25
Safety properties - EN 14041					
Fire resistance	EN 13501-1	Class	E _{fl-s1}	C _{fl-s1}	C _{fl-s1}
Slip Classification	EN 13893	Class	DS	DS	DS
Formaldehyde emission	EN 717-1	Class	E1	E1	E1
Electrical behaviour	EN 1815	KV	Not Antistatic	Not Antistatic	Not Antistatic
Content pentachlorophenol (PCP)	EN 14041 Annex B	mg/Kg	PCP Free	PCP Free	PCP Free
Optional properties					
Stains Resistance	ISO 26987(a)	Grade (b)	-	Grade 0 (4 for acetone)	Grade 0
Thermal resistance	EN 12667	(m ² K)/W	R _s ≤ 0,150	R _s ≤ 0,150	R _s ≤ 0,150
Impact sound reduction	ISO 140-8	dB (ΔL _w)	-	16	16
Reduction improvement	EPH/IHD Works Standard 431	dB(A)	-	13,2	11,1
Difference of Loudness		%	-	51,6	53,3
Gloss	Glossmeter (60°)	Degrees Gardner(°G)	-	12±3°	12±3°
ASTM Standards					
IIC Impact insulation class	ASTM E492 /ASTM E989	IIC (dB)		58	75
STC Classification for Rating Sound Insulation	ASTM E90 /ASTM E413	STC (dB)		54	66
Ignition Characteristics of Finished Textile Floor Covering Systems	ASTM D2859			met the criteria	met the criteria
Optical Density of smoke	ASTM662	DS(4,0min)		23,7	208,3
		DS(4,0min)		32,3	163
Critical radiant flux	ASTM E648	(W/cm2)		0,38	0,68
Residual indentation	ASTM F1914	(%)		0,2	0,2
Static load resistance	ASTM F1914	(mm)		-	0,04
Thermal conductivity		W/(m.K)		0,108	0,112
Thermal resistance	ASTM C 177	(m2K)/W		0,0999	0,097

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

Corkcomfort Glue down				
WRT	PU Pre-Finished	PU Finished	Sanded	
600x300x4mm 23 5/8x11 13/16x3/16"	600x300x4mm 23 5/8x11 13/16x3/16" 600x300x6mm 23 5/8x11 13/16x4"	900x300x4mm 35 7/16x11 13/16x3/16" 900x150x4mm 35 7/16x5 7/8x3/16" 600x450x4mm 23 5/8x17 11/16x3/16" 600x300x4mm 23 5/8x11 13/16x3/16" 600x150x4mm 23 5/8x3 7/8x3/16" 450x450x6mm 17 11/16x17 11/16x4"	600x150x4mm 23 5/8x5 7/8x3/16" 600x300x4mm 23 5/8x11 13/16x3/16" 600x300x6mm 23 5/8x11 13/16x4" 600x450x4mm 23 5/8x17 11/16x3/16" 900x150x4mm 35 7/16x5 7/8x3/16"	
23	23 (c)	23	23 (e)	
31	31 (d)		31 (f)	
UV-cured Acrylic varnish with ceramic beads	Water based PU varnish (2 varnish layers)	Water based PU varnish	Sanded Surface	
Specification				
General Properties - EN 14085 + EN 12104 + EN 655				
≤ 0,2% up to max. 1,0mm	≤ 0,2% up to max. 1,0mm	≤ 0,2% up to max. 1,0mm	≤ 0,2% up to max. 1,0mm	
0; + 0,25	0; + 0,25	0; + 0,25	0; + 0,25	
-	-	-	≤ 0,5	
-	-	-	≤ 1,0	
≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	
≤ 6	≤ 6	≤ 6	≤ 6	
3.5-4.5	3.5-4.5	-	3.5-4.5	
-	-	-	-	
nominal value (2000) ± 10%	4mm: nominal value 1800+ - 10% 6mm: nominal value 2700 + - 10%	4mm: nominal value 1800+ - 10% 6mm: nominal value 2700 + - 10%	-	
≥ 95% of nominal value (450)	≥ 95% of nominal value (450)	≥ 95% of nominal value (450)	≥ 95% of nominal value (450)	
Classification Properties - EN 14085 + EN 12104 + EN 655				
-	-	-	-	
-	-	-	-	
-	-	-	-	
≥ 4,0	≥ 4,0	≥ 4,0	-	
≥ 450	≥ 450	≥ 450	-	
-	-	No disturbance to the surface other than slight change in appearance and no delamination shall occur	-	
-	-	No damage shall be visible after testing with a type 2 foot	-	
≤ 0,40	≤ 0,40	≤ 0,40	≤ 0,40	
Safety properties - EN 14041				
D _{fl-s1}	D _{fl-s1}	4mm: C _{fl-s1} / 6mm: D _{fl-s1}	C _{fl-s1}	
DS	DS	DS	-	
E1	E1	E1	E1	
Not Antistatic	Not Antistatic	Not Antistatic	Not Antistatic	
PCP Free	PCP Free	PCP Free	PCP Free	
Optional properties				
Grade 0	-	Grade 0 (Acetone grau 3; Iodine grau 2)	-	
R _s ≤ 0,150	R _s ≤ 0,150	R _s ≤ 0,150	R _s ≤ 0,150	
-	15	4mm: 13 / 6mm: 14	12	
-	-	4mm: 15,3 / 6mm: 17,2	-	
-	-	4mm: 65 / 6mm: 69	-	
12±3°	-	-	-	
		41		
		45		
		met the criteria		
		116,3		
		8,0		
		0,39		
		0,8		
		0,11		
		0,0785		
		0,0784		

(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.