






# Technical Data Sheet

Corkcomfort Floating					
			WRT	HPS	WPS
			905x295x10,5mm   35 5/8x11 5/8x3/8" 605x445x10,5mm   23 13/16x17 1/2x3/8" 1220x140x10,5mm   48x5 1/2x3/8"	905x295x10,5mm   35 5/8x11 5/8x3/8" 1220x140x10,5mm   48x5 1/2x3/8"	905x295x10,5mm   35 5/8x11 5/8x3/8"
Level of use Domestic	ISO 10874	Class	23 	23 	23 
Level of use Commercial	ISO 10874	Class	31 	33 	-
Level of use Industrial	ISO 10874	Class	-	-	-
Finish Description	-	-	UV-cured Acrylic varnish with ceramic beads	UV-cured Acrylic varnish with nano particles	UV Acrylic varnish
	Standard- Test Method	Unit	Specification		
<b>General Properties - EN 14085 + EN 12104 + EN 655</b>					
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 <sup>3</sup>	-	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 <sup>2</sup>	nominal value (8000) -10%; +13%	nominal value (8500) -10%; +13%	nominal value (8000) -10%; +13%
Apparent density	EN 672	Kg/m <sup>3</sup>	-	-	-
<b>Classification Properties - EN 14085 + EN 12104 + EN 655</b>					
Nominal thickness for cork surface	EN ISO 24340	mm	≥ 3,0	-	≥ 2,5
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 <sup>3</sup>	-	-	-
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	≤ 0,25	≤ 0,40
<b>Safety properties - EN 14041</b>					
Fire resistance	EN 13501-1	Class	E <sub>f,ls1</sub>	B <sub>f,ls1</sub>	E <sub>f,ls1</sub>
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
<b>Optional properties</b>					
Stains Resistance	ISO 26987(a)	Grade (b)	Grade 0 (4 for acetone)	Grade 0	-
Thermal resistance	EN 12667	(m <sup>2</sup> K)/W	R≤ 0,150	R≤ 0,150	R≤ 0,150
Impact sound reduction	ISO 140-8	dB (Δ Lw)	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°	-

(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-700 or W-2000 or another recommended varnish

Corkcomfort Glue down				
WRT	HPS	PU Pre-Finished	PU Finished	Sanded
600x300x4mm   23 5/8x11 13/16x3/16"	600x300x3,2mm   23 13/16x17 1/2x3/8"	600x300x4mm   23 5/8x11 13/16x3/16" 600x300x6mm   23 5/8x11 13/16x1/4"	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 5/8x5 7/8x3/16" 450x450x6mm   17 11/16x17 11/16x1/4"	600x150x4mm   23 5/8x5 7/8x3/16" 600x300x4mm   23 5/8x11 13/16x3/16" 600x300x6mm   23 5/8x11 13/16x1/4" 600x450x4mm   23 5/8x17 11/16x3/16" 900x150x4mm   35 7/16x5 7/8x3/16"
23 	23 	23 (c) 	23 	23 (e) 
31 	33 	31 (d) 		31 (f) 
-	42 	-		-
UV-cured Acrylic varnish with ceramic beads	UV-cured Acrylic varnish with nano particles	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	≤ 0,13% up to max. 0,5 mm	≤ 0,2% up to max. 1,0mm	≤ 0,2% up to max. 1,0mm	≤ 0,2% up to max. 1,0mm
0; + 0,25	± 0,20	0; + 0,25	0; + 0,25	0; + 0,25
-	-	-	-	≤ 0,5
-	-	-	-	≤ 1,0
≤ 0,5 ≤ 1,0	≤ 0,25 ≤ 0,35	≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0
-	nominal value (1360) ± 50	-	-	-
-	2,5	-	-	-
-	(0,25mm) ± 10%	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4
≤ 6	≤ 6	≤ 6	≤ 6	≤ 6
3.5-4.5	-	3.5-4.5	-	3.5-4.5
-	≥ 35	-	-	-
nominal value (2000) ± 10%	nominal value (2800) +13%; -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				
-	-	-	-	-
-	Wear group T	-	-	-
-	≥ 0,5	-	-	-
≥ 4,0	≥ 3,0	≥ 4,0	≥ 4,0	-
≥ 450	-	≥ 450	≥ 450	-
-	No disturbance to the surface other than slight change in appearance and no delamination shall occur	-	No 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	-	No damage shall be visible after testing with a type 2 foot	-
≤ 0,40	≤ 0,20	≤ 0,40	≤ 0,40	≤ 0,40
Safety properties - EN 14041				
D <sub>fl,s1</sub>	B <sub>fl,s1</sub>	C <sub>fl,s1</sub>	4mm: C <sub>fl,s1</sub> / 6mm: D <sub>fl,s1</sub>	C <sub>fl,s1</sub>
DS	DS	DS	DS	-
E1	E1	E1	E1	E1
Not Antistatic	Not Antistatic	Not Antistatic	Not Antistatic	Not Antistatic
PCP Free	PCP Free	PCP Free	PCP Free	PCP Free
Optional properties				
Grade 0	Grade 0	-	Grade 0 (Acetone grau 3; Iodine grau 2)	-
R ≤ 0,150	R ≤ 0,150	R ≤ 0,150	R ≤ 0,150	R ≤ 0,150
-	9	15	4mm: 13 / 6mm: 14	12
-	15,1	-	4mm: 15,3 / 6mm: 17,2	-
-	59	-	4mm: 65 / 6mm: 69	-
12±3°	12±3°	-	-	-

(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-700 or W-2000 or another recommended varnish. (f) Must be varnished on-site with minimum 3 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.