



Floating			HPS
			605 x 445 x 10,5mm 23 13/16 x 17 1/2 x 3/8" 905x295x10,5mm 35 5/8x11 5/8x3/8" 1220x140x10,5mm 48x5 1/2x3/8"
Level of use Domestic	ISO 10874	Class	23 
Level of use Commercial	ISO 10874	Class	33 
Finish Description	-	-	UV-cured Acrylic varnish with nano particles
	Standard- Test Method	Unit	
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
Overall thickness	EN ISO 24346	mm	± 0,25
Squareness	EN ISO 24342	mm	≤ 0,50
Straightness measured at the surface layer	EN ISO 24342	mm	≤ 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	EN 14085 (Annex B)	mm	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5
Mass per unit area	ISO 23997	g/m ²	nominal value (8500) -10%; +13%
Classification Properties - EN 14085 + EN 12104 + EN 655			
Thickness of wear layer (Wear group T)	EN ISO 24340	mm (Nominal value)	≥ 0,5
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	≤ 0,25
Safety properties - EN 14041			
Fire resistance	EN 13501-1	Class	C _{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)	EN 14041 Annex B	mg/Kg	PCP Free
Optional properties			
Stains Resistance	ISO 26987(a)	Grade (b)	Grade 5
Thermal resistance	EN 12667	(m ² K)/W	R ≤ 0,150
Impact sound reduction	ISO 140-8	dB (Δ Lw)	16
Reduction improvement	EPH/IHD Works Standard 431	dB(A)	11.1
Difference of Loudness		%	53.3
ASTM Standards			
IIC Impact insulation class	ASTM E492 /ASTM E989	IIC (dB)	75
STC Classification for Rating Sound Insulation	ASTM E90 /ASTM E413	STC (dB)	66
Ignition Characteristics of Finished Textile Floor Covering Systems	ASTM D2859		met the criteria
Optical Density of smoke	ASTM662	DS(4,0min)	208,3
		DS(4,0min)	163
Critical radiant flux	ASTM E648	(W/cm ²)	0,68
Residual indentation	ASTM F1914	(%)	0,2
Static load resistance	ASTM F1914	(mm)	0,04

(a) The following products were tested: Aceton, Coffee, NaOH, H₂O₂, Shoepolish. (b) Grade 5 = no visible; Grade 4 = very minor changes / damages at the surface; Grade 3 = minor changes / damages at the surface; Grade 2 = strong changes / damages at the surface; Grade 1 = surface destruction.