



Technical Data Sheet

Linocomfort HPS

Dimensions Available

905x290x10,5 mm - 35-5/8x11-7/16x13/32 inches
290x290x10,5 mm - 11-7/16x11-7/16x13/32 inches

Level of use - EN 685

Domestic		Class	23	
Commercial		Class	32	

General properties - EN 14085 + EN 548	Standard - Test Method	Unit	Specification
Dimensions	EN 427	%	± 0,10% up to Width: max. 0,5 mm Length: max. 2,0 mm
Overall thickness	EN428	mm	± 0,20
Squareness	EN427	mm	≤ 0,50
Straightness measured at the surface layer	EN427	mm	≤ 0,30
Mass per unit area	EN 430	g/m ²	Nominal value (8300) ± 10%
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20
Flatness of the panel (Length - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0
Flatness of the panel (Width - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,10 / ≤ 0,15
Residual indentation	EN 433	mm	≤ 0,20
Colour fastness	EN ISO 105-BO2	Blue scale	≥ 6

Classification properties - EN 548 + EN 14085			
Nominal overall thickness of lino layer	EN 685	mm	2
Effect of a 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

Safety properties - EN14041			
Fire resistance	EN13501-1	Class	Cfl s1
Slip Classification	EN 13893	Class	DS
	EN DIN 51130	Class	R10
Formaldehyde emission	DIN EN 717-1	Class	E1
Electrical behaviour	EN 1815	KV	Antistatic
Content pentachlorophenol (PCP)	CEN/TR 14823 (jhd-W 409)	mg/Kg	PCP Free

Additional properties			
Stains Resistance	EN 423 (a)	Grade	Grade 0 (b)
Thermal resistance	EN 12664	m ² K/W	R ≤ 0,150
Impact sound reduction	ISO 140-8	dB (ΔL _w)	16
Step sound	NF S 31 - 074	dB (L _{step,w})	81
Gloss	Glossmeter 60°	Degrees Gardner (°G)	10 ± 3°

- (a) The following products were tested: Desinfectant, C2H5OH, NH4OH, Citric acid, iodine
(b) Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong Change
(b) Note - The results for all the products were "unchanged", with exception of Iodine - "Little change"

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