



Technical Data Sheet

Test	Standard	Unit	Linocomfort HPS
Level of use Domestic	EN 685	Class	23 
Level of use Commercial	EN 685	Class	32 
Level of use Industrial	EN 685	Class	Not recommended
General properties	EN 548 + EN 14085		
Dimensions	EN 14085 + EN 427	mm	905x290x10,5 290x290x10,5
		Inches	35-5/8x11-7/16x13/32 11-7/16x11-7/16x13/32
Straightness		mm	0,10
Squareness		mm	0,00
Eveness of the panel	EN 14085, Annex A	Length	convex - 0% convex - 0,28%
		Width	convex - 0,01% convex - 0,05%
Joint openings and height differences between panels	EN 14085, Annex B	mm	joint opening - 0,06 height difference - 0,02
Wear layer thickness	EN 429	mm	2,0
Apparent density	EN 672	Kg/m ³	830
Mass per unit area	EN 430	g/m ²	8300
Dimensional stability	EN 669	%	length - 0,03 width - 0,02
	EN 434	%	length - 0,10 width - 0,13
Gloss	Glossmeter	degrees Gardner	10° ± 3
Safety properties			
Sliding coefficient	EN 13893	Coeff.	0,45 - 0,52
	DIN 51130	Class	R-10
Additional properties			
Impact sound reduction	ISO 140-8	dB	15
Step sound	NF S 31 - 074	dB	83
Thermal resistance	EN 12664	m ² K/W	0,095
Thermal conductivity	EN 12664	W/mK	0,104
Wear resistance	EN 660-2	Cycles/ loss of weight (gr)	2000/295
Castor chair test	EN 425	Effect	No visible changes
Residual indentation	EN 433	mm	0,07

Test	Standard	Unit	HPS Linocomfort
Scratch resistance	IHD 445	Method A-% (gloss change)	12,50%
		Method B-Grade	Few reconisable scratches
Static electrical propensity	EN 1815	KV	anti-static (PVC: 1,5kV / Rubber: 0,5kV)
Electrical resistance	EN 1081	Ohm	R1: 1x1010 / R3: 1x1011
Effect of stains	EN 423 (a)	Effect	(b)
Resistance to cigarette burns	EN 1399	Burning	Strong damage
		Stubbed	No visible damage
Colour fastness	EN 15187	Rating	>6
Formaldehyde emission	DIN EN 717-1/2	Class	E1
PCP (pentachlorophenol)	CEN/TR 14623 (Ihd-W 409)	mg/Kg	Without PCP/ 0,4mg/kg

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

(b) The results for all the products were 'unchanged'. Iodine caused 'a little change'