



Technical Data Sheet

Floating			
			HPS 605 x 445 x 10,5mm 23 13/16 x 17 1/2 x 3/8" 905 x 295 x 10,5mm 35 5/8 x 11 5/8 x 3/8" 1220 x 140 x 10,5mm 48 x 5 1/2 x 3/8"
Level of use Domestic	ISO 10874	Class	
Level of use Commercial	ISO 10874	Class	
Finish Description	-	-	UV-cured Acrylic varnish with nano particles
	Standard-Test Method	Unit	Specification

General Properties - EN 14085 + EN 12104 + EN 655

Dimensions: Width Length	EN ISO 24346	mm	± 0,10% up to max. 0,5 max. 2,0
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)	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0
Flatness of the panel (Width - Concave / Convex)	EN 14085 (Annex A)	%	≤ 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

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Optional properties

Stains resistance	ISO 26987(a)	Grade (b)	Grade 5
Thermal resistance	EN 12667	(m ² K)/W	R _s 0,150
Impact sound reduction	ISO 140-8	dB (ΔL _w)	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
Thermal conductivity	ASTM C 177	W/(m.K)	0,112
Thermal resistance		(m ² K)/W	0,097



Greenguard Certification helps the identification of interior products and materials that have low chemical emissions, improving the quality of the air in which the products are used. It promotes global sustainability, environmental health, and safety.



An Environmental Product Declaration is a verified document that reports environmental data of products based on life cycle assessment and other relevant information in accordance with the international standard ISO 14025.



TÜV-PROFICERT-product Interior brand is a voluntary, independent label for VOC-emission and quality of floorings. The results comply with the emission thresholds of AgBB, Belgian VOC regulation, Finnish M1 classification, BREEAM Exemplary Level, LEED v4 (outside North America), RAL-UZ 120 and Austrian Eco Label (Guideline UZ 56).



Global GreenTagCertTM is an independent certification and rating scheme for green products, recognized by the Green Building Councils of Australia and New Zealand.

This certification also allows the products to be listed in the Ecospecifier Global eco-products.



As of January 2012, France has adopted regulations that limit total VOC emissions of building products. Manufacturers, selling their products in France must obtain a classification ranging from A+ (very low emissions) to C (high emissions). The declared goal is to improve indoor air quality in private/commercial buildings.





(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.

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