

Technical data sheet

Physical properties & packaging (glue down 2.5mm/0.55mm)			
Collection	XL plank	Herringbone	Chevron
Use	Commercial & Residential	Commercial & Residential	Commercial & Residential
Size	228.6mm x 1524mm (9" x 60")	152.4mm x 762mm (6" x 30")	115mm x 690mm (4.53" x 27.17")
Wear Layer - Thickness	0.55mm	0.55mm	0.55mm
Thickness - Overall	2.5mm	2.5mm	2.5mm
Edge Detail	4 sides Micro Bevel	4 sides Micro Bevel	4 sides Micro Bevel
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing(s)	In Register Embossing	In Register Embossing	In Register Embossing
Mass per Unit Area	4051 g/m ²	4051 g/m ²	4051 g/m ²
Pieces/Carton	10 pieces	24 pieces	36 pieces
Coverage/Carton	3.48m ²	2.79m ²	2.86m ²
Coverage/Pallet	56 Cartons (194.88m ²)	72 Cartons (200.88m ²)	64 Cartons (183.04m ²)
Coverage/Container	21 Pallets (4092m ²)	26 Pallets (5223m ²)	20 Pallets (3661m ²)
Guarranty ⁽¹⁾	Material: 20 years (100%)	Material: 20 years (100%)	Material: 20 years (100%)

Technical data sheet

European / International standards – CE certification / testing				
Description	Standard	Symbol	Requirements	Results
CE Certification	EN 14041		Refer to Standards Below	Refer to Results Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2		Bfl - s1 Classification Critical Flux: $\geq 8.0 \text{ kW/m}^2$ Flame Spread: $\leq 150 \text{ mm}$ within 20s Smoke Value as % x min: ≤ 750	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 14041		$< 0.1 \text{ ppm}$	Passes Requirements
Formaldehyde Emission	EN 717-1		Class E1: Release $\leq 0.124 \text{ mg/m}^3$ Passes	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥ 0.3	Passes Requirements
Thermal Resistance	EN 12667		N/A	$0.01745 \text{ m}^2 \text{K/W}$ at 10°C

European / International standards – manufacturing & usage				
Description	Standard	Symbol	Requirements	Results
Identification	EN ISO 10582	N/A	Type I: Wear Layer Binder Content $\geq 80\%$	Passes Requirements
Classification (Level of Use)	EN ISO 10582 EN ISO 10874	 	Domestic - Heavy (Class 23) Wear Layer (Nominal): $\geq 0.3 \text{ mm}$ Thickness (Nominal): $\geq 1.5 \text{ mm}$ Commercial - Heavy (Class 33) Wear Layer (Nominal): $\geq 0.55 \text{ mm}$ Thickness (Nominal): $\geq 2.0 \text{ mm}$ Light Industrial - General (Class 42) Wear Layer (Nominal): $\geq 0.55 \text{ mm}$ Thickness (Nominal): $\geq 2.0 \text{ mm}$	Passes Requirements (Nominal) Passes Requirements (Nominal) Passes Requirements (Nominal)
Size, Squareness, and Straightness	EN ISO 24342		Size: $\leq 0.15\%$ from Nominal Squareness/Straightness: If Size $> 400 \text{ mm}$: $\leq 0.35 \text{ mm}$ If Size $\leq 400 \text{ mm}$: $\leq 0.25 \text{ mm}$	Passes Requirements
Thickness	EN ISO 24346 / EN 428		Average (from Nominal): $+0.13 \text{ mm} / -0.10 \text{ mm}$ Any Sample (from Average): $\pm 0.15 \text{ mm}$	Passes Requirements
Mass per Unit Area	EN ISO 23997 / EN 430		$+13\% / -10\%$ from Nominal	Passes Requirements
Dimensional Stability	EN ISO 23999 / EN 434		$\leq 0.25\%$	Passes Requirements
Curling	EN ISO 23999 / EN 434	N/A	$\leq 2 \text{ mm}$	Passes Requirements
Flexibility	EN ISO 24344 (Method A) / EN 435		No Cracks (20mm Mandrel)	Passes Requirements
Static Electrical Propensity	EN 1815, Method A		$\leq 2.0 \text{ kV}$	Passes Requirements

Technical data sheet

European / International standards – manufacturing & usage				
Description	Standard	Symbol	Requirements	Results
Residual Indentation	EN ISO 24343-1 / EN 433		≤0.1mm	Passes Requirements
Castor Chair	ISO 4918		After 25,000 Cycles: Delamination – None Appearance ≤ “Slight Change”	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6	Passes Requirements

European / International standards – CE certification / testing				
Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: ≥10° and <19°	Passes Requirements
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P3: 35-44 SRV Oil-Wet Inclining Platform Grade R10: ≥10° and <19°	Passes Requirements
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No Effect
Abrasion / Wear Resistance	EN 660-2		N/A	Fv ≤2.0mm ³ / 100r
Impact Sound Insulation(2)	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 3dB
Product-Content Safety	REACH SVHC 223	N/A	N/A	Passes Requirements
A-Weighted Walking Sound Pressure Level	EN 16205:2013		N/A	L _{n,walk, A} = 87 dB(A)

Footnotes

1) Guarranty: Please see full terms and conditions of our voluntary guarranties at www.floorest.com

2) Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8): ΔLW = Weighted Reduction of Impact Sound Pressure Level The manufacturing facility is ISO 9001 (Quality Management System) and ISO 14001 (Environmental Management System) certified.

Disclaimer: This document represents the current state of knowledge at the time of its publication and instantly supersedes all previous editions. It may be replaced, supplemented or amended at any time and without special notice. Please be sure to check the validity, relevance and content for topicality before regarding at www.floorest.com

