

OTIUM DRYBACK 2.5-0.55







TECHNICAL DATA SHEET










PHYSICAL PROPERTIES & PACKAGING (DRYBACK 2.5MM/0.55MM)	
Collection	HERRINGBONE
Use	Light Commercial & Residential
Size	152.4mm x 762mm (6" x 30")
Wear Layer - Thickness	0.55mm
Thickness - Overall	2.5mm
Edge Detail	Beveled Edge
Finish	Duraspect™ Extreme Surface Protectant
Embossing(s)	Natural Timber
Mass per Unit Area	4051 g/m ²
Pieces/Carton	24 Pieces
Coverage/Carton	2.79m ²
Coverage/Pallet	72 Cartons (200.88m ²)
Coverage/Container	26 Pallets (5223m ²)

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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 Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥ 0.3	Surpasses Requirements
Thermal Resistance	EN 12667		N/A	$0.01 \text{ m}^2 \text{ K/W}$ 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): $\geq 1.5 \text{ mm}$	Passes Requirements (Nominal)
			Commercial - Heavy (Class 33) Wear Layer (Nominal): $\geq 0.55 \text{ mm}$ Thickness (Nominal): $\geq 2.0 \text{ mm}$	Passes Requirements (Nominal)
Size, Squareness, and Straightness	EN ISO 24342		Size: $\leq 0.15\%$ from Nominal Squareness/Straightness: If Size $> 400 \text{ mm}$: $\leq 0.25 \text{ mm}$ If Size $\leq 400 \text{ mm}$: $\leq 0.35 \text{ mm}$	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		$\leq 0.25\%$	Surpasses 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

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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 - AUXILIARY PERFORMANCE & SAFETY

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 / Surpasses
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No Effect
Abrasion/Wear Resistance	EN 660-2		N/A	Fv ≤4.0mm ³ /100r
Impact Sound Insulation ¹⁾	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	Ln,walk, A = 87 dB(A)
Static Electrical Propensity	EN 1815, Method A		N/A	Average: 1.4kV

Footnotes

¹⁾ 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.

