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PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING – 4,5 / 0,30 MM)	
Series & Collections	Tundra Honey Tundra Fjall Tundra Mist Markham Light Markham Dark Amsterdam White Amsterdam Natural Sawn Wood
Construction Extruded Vinyl Core Pre-Attached Underlayment	3,5 mm (including printfilm) 1,0 mm IXPE
Use	Commercial and residential use
Size	1220 x 179 mm
Wear Layer	0.30 mm / 12 mil
Edge Detail	4 sides Micro-Bevel Edge
Finish	CB Coating
Embossing	Natural Grain
Thickness	4,5 mm
Pieces/Carton	12
Weight/Carton	19,4 kg
Coverage/Carton	2,62 m ²
Coverage/Pallet	50 Cartons/Pallet (131,75 m ²)
Coverage/Container	20 Pallets/Container (2635 m ²)
Residential and Commercial Product Warranty	10 years

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
Formaldehyde Emission	EN 717-1		Class E1: Release $\leq 0.124 \text{ mg/m}^3$	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 12673:1999		<5ppm	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥ 0.30	Surpasses Requirements
Static Electrical Propensity	EN 1815, Method A		Antistatic Floor Coverings: $\leq 2,0 \text{ kV}$ (Absolute Value)	Passes Requirements/Antistatic

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EUROPEAN / INTERNATIONAL STANDARDS – MANUFACTURING & USAGE (EN 16511)				
Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial - General (Class 32)	Passes Requirements (Refer to Results Below)
Wear Resistance IP, Method A	EN 13329, Annex E		≥2,000 cycles	Surpasses Requirements
Impact Resistance (Big Ball)	EN 13329+A1, Annex F		No Cracks	Surpasses Requirements
Micro-Scratch Resistance [Class] 3	EN 16094, Method B	N/A	MSR-A2 /MSR-B1	Passes / Surpasses
Castor Chair Resistance	EN 425		After 1000 cycles: No Disturbance to the Surface; No Delamination, Cracks, or Disruptions	Passes Requirements
Effect of Furniture Leg	EN 424		No Visible Damage	Passes Requirements
Residual Indentation	EN ISO 24343-1		≤0.20mm	Surpasses Requirements
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 & 3 - Only 10 Minutes)		Groups 1, 2 & 3: Grade 5	Passes Requirements
Locking Strength	ISO 24334		Long Side ≥ 2.0kN/m Short Side ≥ 3.5kN/m	Passes Requirements
Dimensional Stability Due to Variation of Temperature	EN ISO 23999		≤0.25%	Surpasses Requirements
Thickness (t)	ISO 24337		$\Delta t^{avg} \leq 0.50\text{mm}$ (Versus Nominal) $t^{max} - t^{min} \leq 0.50\text{mm}$	Passes Requirements
Length (l)			$l \leq 1500\text{mm}: \Delta l \leq 0.5\text{mm}$ $l > 1500\text{mm}: \Delta l \leq 0.3\text{mm/m}$ (Versus Nominal)	Passes Requirements
Width (w)	ISO 24337		$\Delta w^{avg} \leq 0.10\text{mm}$ (Versus Nominal) $w^{max} - w^{min} \leq 0.20\text{mm}$	Passes Requirements
Squareness (q)			$q^{max} \leq 0.20\text{mm}$	Passes Requirements
Straightness (s)			$s^{max} \leq 0.30\text{mm/m}$	Passes Requirements
Flatness (f)	ISO 24337	N/A	Maximum Single Values: $f_{w,concave} \leq 0.15\%$, $f_{w,convex} \leq 0.20\%$ $f_{l,concave} \leq 0.50\%$, $f_{l,convex} \leq 1.00\%$	Passes Requirements
Openings (o)	ISO 24337	N/A	Measured from the Surface Between Vertical, Contacting Edges: $o^{avg} \leq 0.15\text{mm}$, $o^{max} \leq 0.20\text{mm}$	Passes Requirements
Height Difference (h)	ISO 24337	N/A	$h^{avg} \leq 0.10\text{mm}$ $h^{max} \leq 0.15\text{mm}$	Passes Requirements

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EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY				
Description	Standard	Symbol	Requirements	Results
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6	Passes Requirements
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: ≥10° and <19°	Surpasses Requirements
Density	EN ISO 2399 6:2012/ ISO 2399 6:2007 Method A	N/A	N/A	1567 kg/m ³
Thickness of wear layer	ISO 24340: 2006	N/A	N/A	Passes Requirements
Impact Sound Insulation 2)	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔL _w = 16 dB
Product-Content Safety	REACH SVHC 291	N/A	Refer to Standard	Passes Requirements
A-weighted walking sound pressure level	EN 16205:2013		N/A	79 dB(A)

FOOTNOTES

- 1) Warranty:** Please see full terms and conditions of our warranties at www.elementalbyaspecta.com
2) Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8): ΔL_w = Weighted Reduction of Impact Sound Pressure Level