

ELEMENTAL MULTILAYER 8mm/0.55mm DROPLock 100™

TECHNICAL DATA SHEET








ELEMENTAL

LVT MULTILAYER FLOORING

BY ASPECTA

XXL Plank

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 8.0MM/0.55MM)	
Collection	Elemental ISOCORE PLANK-XLL Select Oak
Use	Commercial & Residential
Size	1828 mm x 220 mm
Thickness - Wear Layer	0,55 mm (22 mil)
Thickness - Overall	8,0 mm
Top Layer	2,0 mm LVT
Core	4,0 mm ISOCORE
Pad	2,0 mm IXPE
Edge Detail	4 sided Micro-Bevel Edge
Finish	CB coating
Embossing(s)	Natural Timber
Mass per Unit Area	7.88kg/m ²
Pieces/Carton	6
Coverage/Piece	0.40 m ²
Coverage/Carton	2.41 m ²
Coverage/Pallet	40 Cartons/Pallets 96,52 m ²
Coverage/Container	16 Pallets/Container 1544,32 m ²
Warranty ⁽¹⁾	Commercial & Residential Product Warranty: 20 Years (100%) Labor Warranty: 10 Years pro-Rato

EUROPEAN / INTERNATIONAL STANDARDS – CE CERTIFICATION / TESTING				
Description	Standard	Symbol	Requirements	Results
CE Certification	EN 14041		Refer to Standards Below	Passes Requirements (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: ≥8.0kW/m ² Flame Spread: ≤150mm within 20s Smoke Value as % x min: ≤750	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 14041		<0.1ppm	Passes Requirements
Formaldehyde Emission	EN 717-1		Class E1: Release ≤0.124mg/m ³	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥0.3	Surpasses Requirements
Static Electrical Propensity	EN 1815, Method A		Antistatic Floor Coverings: ≤2,0kV (Absolute Value)	Passes Requirements/Antistatic
Thermal Resistance	EN 12664		N/A	0.088 m ² K/W at 10°C

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EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE				
Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial - Heavy (Class 33) Refer to Standards Below	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		≥1600mm	Surpasses Requirements
Micro-Scratch Resistance [Class]	EN 16094, Method B	N/A	≤MSR-B2	Passes Requirements (MSR-B2)
Castor Chair Resistance	EN 425		After 25,000 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		≤0.2mm	Surpasses Requirements
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 – Only 10 Minutes)		Groups 1 and 2: Grade 5 Group 3: Grade 4	Passes Requirements
Locking Strength	ISO 24334		Long Side ≥1.0kN/m Short Side ≥1.5kN/m	Surpasses Requirements
Length (l)			l > 1500mm: Δl ≤0.3mm/m (Versus Nominal)	Passes Requirements
Width (w)	ISO 24337		Δwavg ≤0.10mm (Versus Nominal) <u>wmax - wmin ≤0.20mm</u>	Passes Requirements
Squareness (q)			qmax ≤0.20mm	Passes Requirements
Straightness (s)			smax ≤0.30mm/m	Passes Requirements
Thickness (f)	ISO 24337		Δtavg ≤0.50mm (Versus Nominal) tmax - tmin ≤0.50mm	Passes Requirements
Dimensional Stability Due to variation of temperature	EN ISO 23999		≤0.25%	Surpasses Requirements
Flatness (f)	ISO 24337	N/A	Maximum Single Values: fw,concave ≤ 0.15%, fw,convex ≤0.20% fl,concave ≤ 0.50%, fl,convex ≤1.00%	Passes Requirements
Openings (o)	ISO 24337	N/A	Measured from the Surface Between Vertical, Contacting Edges: oavg ≤0.15mm, omax ≤0.20mm	Passes Requirements
Height Difference (h)	ISO 24337	N/A	havg ≤0.10mm hmax ≤0.15mm	Passes Requirements

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EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY				
Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes/ Surpasses Requirements
Impact Sound Insulation ⁽²⁾	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	$\Delta LW = 19$ dB
A-weighted walking sound pressure level	EN 16205:2013		N/A	$L_{n,walk, A} = 84$ dB(A)
Product-Content Safety	REACH SVHC 169	N/A	Refer to Standard	Passes Requirements

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

The manufacturing facility is ISO 9001 (Quality Management System) and ISO 14001 (Environmental Management System) certified.