

ELEMENTAL DRYBACK 2,5mm/0.55

TECHNICAL DATA SHEET

ELEMENTAL

LVT DRYBACK FLOORING

BY ASPECTA

XL PLANK, CHEVRON, HERRINGBONE, SQUARED TILE & RECTANGULAR TILE

PHYSICAL PROPERTIES & PACKAGING (DRYBACK 2.5MM/0.55MM)			
Collection	Elemental Dryback PLANK-XL	Elemental Dryback: SP-CHEVRON (45)	Elemental Dryback: HERRINGBONE
Use	Commercial & Residential	Commercial & Residential	Commercial & Residential
Size	1524 mm x 228,6 mm (60" x 9")	690 mm x 115 mm (4,53" x 27,17")	762 mm x 152,4 mm (30" x 6")
Construction	Solid Vinyl Plank/LVP	Solid Vinyl Plank/LVP	Solid Vinyl Plank/LVP
Thickness - Wear Layer	0.55mm (22mil)	0.55mm (22mil)	0.55mm (22mil)
Thickness - Core	2.5mm (0.098")	2.5mm (0.098")	2.5mm (0.098")
Edge Detail	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing	In-Register	In-Register	In-Register
Mass per Unit Area	4.438kg/m²	4.438kg/m²	4.438kg/m²
Pieces/Carton	10	36	24
Coverage/Piece	0,35 m² (3.77 Sq.Ft.)	0,08 m² (0.86 Sq.Ft.)	0,12 m² (1.29 Sq.Ft.)
Coverage/Carton	3,48 m² (37,46 Sq.Ft.)	2,86 m² (30.78 Sq.Ft.)	2,79 m² (30.00 Sq.Ft.)
Coverage/Pallet	56 Cartons (195,10. m² / 2100.03 Sq.Ft.)	64 Cartons (182,82 m² / 1967.85 Sq.Ft.)	72 Cartons (200,67 m² / 2159.88 Sq.Ft.)
Coverage/Container	21 Pallets (4097,02 m² / 44099.96 Sq.Ft.)	20 Pallets (3656,45 m² / 39357 Sq.Ft.)	26 Pallets (5217,43 m² / 56159.72 Sq.Ft.)
Warranty ⁽¹⁾	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential

PHYSICAL PROPERTIES & PACKAGING (DRYBACK 2.5MM/0.55MM)		
Collection	Elemental Dryback: SQUARED TILE	Elemental Dryback: RECTANGULAR TILE
Use	Commercial & Residential	Commercial & Residential
Size	609,6 mm x 609,6 mm (24" x 24")	914,4 mm x 457,2 mm (36" x 18")
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Thickness - Wear Layer	0.55mm (22mil)	0.55mm (22mil)
Thickness - Core	2.5mm (0.098")	2.5mm (0.098")
Edge Detail	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing(s)	Textured Concrete / Coral	Textured Concrete
Mass per Unit Area	4.438kg/m²	4.438kg/m²
Pieces/Carton	10	8
Coverage/Piece	0,37 m² (3.98 Sq.Ft.)	0,42 m² (4,52Sq.Ft.)
Coverage/Carton	3.72 m² (40.04 (Sq.Ft.)	3,35 m² (36.06 Sq.Ft.)
Coverage/Pallet	36 Cartons (133,78 m² / 1439.99 Sq.Ft.)	58 Cartons (193,98 m² / 2087.97 Sq.Ft.)
Coverage/Container	38 Pallets (5083,65 m² / 5471.97 Sq.Ft.)	24 Pallets (4655,56 m²/ 50111.83 Sq.Ft.)
Warranty ⁽¹⁾	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential

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EUROPEAN / INTERNATIONAL STANDARDS – MANUFACTURING & USAGE				
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	Passes / Surpasses Requirements
Thermal Resistance	EN 12667		N/A	$0.01745 \text{ m}^2 \text{ K/W}$ at 10°C

EUROPEAN / INTERNATIONAL STANDARDS – CE CERTIFICATION / TESTING				
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)
			Light Industrial - General (Class 42) 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 $> 400 \text{ mm}$: $\leq 0.35 \text{ mm}$ 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
	EN ISO 23999 / EN 434		$\leq 0.25\%$	Surpasses Requirements
Curling	EN ISO 23999 / EN 434	N/A	$\leq 2 \text{ mm}$	Surpasses Requirements
Flexibility	EN ISO 24344 (Method A) / EN 435		No Cracks (20mm Mandrel)	Passes Requirements

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EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING				
Description	Standard	Symbol	Requirements	Results
Residual Indentation	EN ISO 24343-1 / EN 433		≤0.1mm	Surpasses 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 / Surpasses 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 Requirements
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No Effect
Abrasion / Wear Resistance	EN 660-2		N/A	Fv ≤2.0mm³ / 100r
Impact Sound Insulation ⁽²⁾	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 2dB
Product-Content Safety	REACH SVHC 168	N/A	N/A	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.