

Loose-Lay 0.55

TECHNICAL DATA SHEET



PHYSICAL PROPERTIES & PACKAGING (EASY LOOSE-LAY 5.0MM/0.55MM)		
Size	228.6mm x 1219.2mm (9" x 48")	457.2mm x 914.4mm (18" x 36")
Construction	Solid Vinyl Plank/LVT	Solid Vinyl Tile/LVT
Use	Commercial	Commercial
Wear Layer	0.55mm (22mil)	0.55mm (22mil)
Edge Detail	Micro-Bevel Edge	Micro-Bevel Edge
Finish	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles
Embossing(s)	Natural Timber	Textured Concrete
Thickness	5.0mm (0.197")	5.0mm (0.197")
Mass per Unit Area	9.76kg/m ²	9.76kg/m ²
Pieces/Carton	7	5
Coverage/Piece	0.2787m ²	0.4181m ²
Coverage/Carton	1.95m ²	2.09m ²
Coverage/Pallet	40 Cartons (78m ²)	50 Cartons (104.52m ²)
Coverage/Container	24 Pallets (1872m ²)	20 Pallets (2090.4m ²)
Limited Warranty	10 Year Commercial 15 Year Residential	10 Year Commercial 15 Year Residential

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		B_{fl} - s1 Classification Critical Flux: ≥8.0kW/m ² Flame Spread: ≤150mm within 20s Smoke Value as % x min: ≤750	Passes Requirements
Formaldehyde Emission	EN 717-1		Class E1: Release ≤0.124mg/m ³	Passes Requirements
Content of PCP (pentachlorophenol)	EN 14041		< 0,1 mg/kg	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥0.3	Passes Requirements

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LVT LOOSE-LAY FLOORING

BY ASPECTA

EUROPEAN / INTERNATIONAL STANDARDS – CE CERTIFICATION / TESTING

Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN ISO 10582 EN ISO 10874		Commercial - Heavy (Class 42) Wear Layer (Nominal): $\geq 0.55\text{mm}$ Thickness (Nominal): $\geq 2.0\text{mm}$	Passes Requirements
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		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		9571g/m^2	Passes Requirements
Dimensional Stability	EN ISO 23999		$\leq 0.25\%$	Passes Requirements
Curling	EN ISO 23999	N/A	$\leq 2\text{mm}$	Passes Requirements
Flexibility	EN ISO 24344 (Method A)		No Cracks (20mm Mandrel)	Passes Requirements
Residual Indentation	EN ISO 24343-1		$\leq 0.1\text{mm}$	Passes Requirements
Castor Chair	ISO 4918		After 25,000 Cycles: Delamination – None Appearance \leq "Slight Change"	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		\geq Grade 6	Passes Requirements



LVT LOOSE-LAY FLOORING

BY ASPECTA

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 Requirements
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P3: 35-44 SRV Oil-Wet Inclining Platform Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes Requirements
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No Effect
Thermal Resistance	EN 12667		N/A	0.01745 m ² K/W at 10°C (tile) 0.0145 m ² K/W at 10°C (plank)
Abrasion / Wear Resistance	EN 660-2		N/A	F _v ≤ 2.0 mm ³ /100r
Static Electrical Propensity	EN 1815, Method A		N/A	Average: < 2 kV
Impact Sound Insulation	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	$\Delta L_w = 11$ dB
A-weighted walking sound pressure level	EN 16205:2013		N/A	L _{n,walk, A} = 82 dB(A)

Footnotes

1) **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.