

IC55 EXCELLENCE ISOCORE CLICK LVT

TECHNICAL DATA SHEET



PHYSICAL PROPERTIES & PACKAGING			
Collection	EXCELLENCE PLANK - XL	EXCELLENCE PLANK - XXL	EXCELLENCE TILE - XL
Size	220mm x 1510mm (8.66" x 59.45")	220mm x 1828.8mm (9" x 72")	448mm x 906mm (17.64" x 35.67")
Thickness - Overall	8.0mm	8.0mm	8.0mm
Product Construction	2.0 LVT Top layer (including 0.55mm Wear Layer) 4.0 mm Isocore Core 2.0mm IXPE Acoustic Underlay	2.0 LVT Top layer (including 0.55mm Wear Layer) 4.0 mm Isocore Core 2.0mm IXPE Acoustic Underlay	2.0 LVT Top layer (including 0.55mm Wear Layer) 4.0 mm Isocore Core 2.0mm IXPE Acoustic Underlay
Wear Layer - Thickness	0.55mm	0.55mm	0.55mm
Edge Detail	4 sides Micro Bevel	4 sides Micro Bevel	4 sides Micro Bevel
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing(s)	In Register Embossing	In Register Embossing	Textured Concrete/Stoneline
Patented Click System	Droplock-100 (I4F)	Droplock-100 (I4F)	Droplock-100 (I4F)
Mass per Unit Area	7885 g/m ²	7885 g/m ²	7885 g/m ²
Pieces/Carton	8 Pieces	6 Pieces	6 Pieces
Coverage/Carton	2.66m ²	2.41m ²	2.44m ²
Coverage/Pallet	32 Cartons (85.12m ²)	40 Cartons (96.40m ²)	34 Cartons (82.96m ²)
Coverage/Container	21 Pallets (1786m ²)	18 Pallets (1735m ²)	26 Cartons (2157m ²)
Warranty ⁽¹⁾	Material: 20 years (100%) Labour: 10 years (Pro rata)	Material: 20 years (100%) Labour: 10 years (Pro rata)	Material: 20 years (100%) Labour: 10 years (Pro rata)

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		<5ppm	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 Requirements
Thermal Resistance Thermal Conductivity	EN 12664		N/A	0.074 (m ² .K/W) 0.108 (W/m.k)

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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		≥4,000 cycles	Passes Requirements
Impact Resistance (Big Ball)	EN 13329+A1, Annex F		≥1800mm	Passes Requirements
Micro-Scratch Resistance [Class]	EN 16094, Method B	N/A	≤MSR-B2	Passes Requirements
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		≤0.15mm	Passes Requirements
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 - 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%	Passes 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)	ISO 24337		$l \leq 1500\text{mm}: \Delta l \leq 0.5\text{mm}$ $l > 1500\text{mm}: \Delta l \leq 0.3\text{mm/m}$ (Versus Nominal)	Passes Requirements
Width (w)			$\Delta w_{avg} \leq 0.10\text{mm}$ (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
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes
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
Static Electrical Propensity	EN 1815, Method A		$\leq 2.0\text{kV}$	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		$\geq \text{Grade 6}$	Passes Requirements
Impact Sound Insulation ⁽²⁾			N/A	$\Delta L_w = 18 \text{ dB}$
A-weighted walking sound pressure level	EN 16205:2013		N/A	$L_{n, \text{walk, A}} = 85 \text{ dB(A)}$
Product-Content Safety	REACH SVHC 168	N/A	N/A	Passes Requirements
Heavy Metals	EN71-3	NA	Refer to Standard	Not detected

Footnotes

1) Warranty: Please see full terms and conditions of our warranties at www.aspecta flooring.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.



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