







# RC30 ESSENTIALS RIGID CLICK LVT












## TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (RIGID CLICK FLOORING - 4.8 / 0.30 MM)		
Collection	ESSENTIALS PLANK	ESSENTIALS TILE
Use	Commercial & Residential	Commercial & Residential
Size	225mm x 1210mm (8.86" x 47.64")	304.8mm x 609.6mm (12" x 24")
Thickness - Overall	4.8mm	4.8mm
Product Construction	4.0mm Rigid Core (including 0.30mm Wear Layer) 0.8mm IXPE Acoustic Underlay	4.0mm Rigid Core (including 0.30mm Wear Layer) 0.8mm IXPE Acoustic Underlay
Wear Layer - Thickness	0.30mm	0.30mm
Edge Detail	4 sides Micro Bevel	4 sides Micro Bevel
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing(s)	Wood Fine	Textured Concrete
Patented Click System	Droplock-100 (I4F)	Droplock-100 (I4F)
Mass per Unit Area	7920 g/m <sup>2</sup>	7920 g/m <sup>2</sup>
Pieces/Carton	8 pieces	12 pieces
Coverage/Carton	2.18m <sup>2</sup>	2.23m <sup>2</sup>
Coverage/Pallet	44 Cartons (95.92m <sup>2</sup> )	48 Cartons (107.04m <sup>2</sup> )
Coverage/Container	24 Pallets (2302m <sup>2</sup> )	24 Pallets (2569m <sup>2</sup> )
Warranty <sup>(1)</sup>	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		<b>Bfl - s1 Classification</b> Critical Flux: ≥8.0 kW/m <sup>2</sup> Flame Spread: ≤150 mm within 20s Smoke value as % x min: ≤750	Passes Requirements
Formaldehyde Emission	EN 717-1		Class E1: Release ≤0.124 mg/m <sup>3</sup>	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 12673:1999		<5ppm	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥ 0.30	Passes Requirements
Static Electrical Propensity	EN 1815, Method A		Antistatic Floor Coverings: ≤2.0 kV (Absolute Value)	Passes Requirements/Antistatic

# RC30 ESSENTIALS RIGID CLICK LVT

## TECHNICAL DATA SHEET

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		≥4,000 cycles	Passes Requirements
Impact Resistance (Big Ball)	EN 13329+A1, Annex F		No Cracks	Passes Requirements
Micro-Scratch Resistance [Class] 3	EN 16094, Method B	N/A	MSR-A2 /MSR-B1	Passes Requirements
Castor Chair Resistance	ISO 4918		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 & 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%	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)			$l \leq 1500\text{mm}: \Delta l \leq 0.5\text{mm}$ $l > 1500\text{mm}: \Delta l \leq 0.3\text{mm/m}$ (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

# RC30 ESSENTIALS RIGID CLICK LVT

## TECHNICAL DATA SHEET



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
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P4: 45-54 SRV Oil-Wet Inclining Platform Grade R9: ≥6° and <10°	Passes Requirements
Slip Resistance (UK)	BS 7976-2+A1	N/A	Ratings - Slip Potential Low: 36+ PTV Moderate: 25-35 PTV High: 0-24 PTV	Low Slip Potential - Dry & Wet
Resistance to Staining	EN ISO 26987:2012		N/A (No Official Requirements)	0 (Not Affected/Unchanged)
Thickness of wear layer	ISO 24340: 2006	N/A	N/A	Passes Requirements
Impact Sound Insulation <sup>(2)</sup>	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 18 dB
Product-Content Safety	REACH SVHC 191	N/A	Refer to Standard	Passes Requirements

### Footnotes

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

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

### Disclaimer:

This document represents the current state of knowledge at the time of its publication and instantly supersedes all previous editions. It may be replaced, supplemented or amended at any time and without special notice. Please be sure to check the validity, relevance and content for topicality before regarding at [www.aspecta flooring.com](http://www.aspecta flooring.com)

