LVT CLICK | 4.0 MM TOTAL THICKNESS | 0.30 MM WEAR LAYER | 183 × 1220 MM

ESSENTIAL • SKU EF-CL-ESS40-030-1831220 • RESIDENTIAL • CLASS 23

Prepared by Ecoflors Technical Team • Version 2026.11.04-R01 • ecoflors.com

PRODUCT CONFIGURATION		PACKING & LOADING	
Product type	Flexible Core LVT Click Plank Flooring	**Carton packing**	13 pcs/carton
Application	Residential	**Carton dimensions**	195.0 × 1235.0 × 54.0 mm (7.68 × 48.62 × 2.13 in)
Product format	Straight plank	**Carton coverage**	2.902 m²/carton (31.24 sq ft/carton)
Dimensions	183 × 1220 mm (7.20 × 48.03 in)	**Estimated carton net weight**	22.06 kg/carton (48.63 lb/carton)
Total thickness	4.0 mm	**Estimated carton gross weight**	22.56 kg/carton (49.73 lb/carton)
Attached underlay	None — no attached backing pad	**Pallet packing**	50 cartons/pallet
Wear layer	0.30 mm (≈12 mil)	**Pallet layout**	5 cartons/layer × 10 layers
Construction	UV coating + wear layer + décor film + LVT middle layer with fiberglass + LVT bottom layer; no attached underlay	**Pallet coverage**	145.119 m²/pallet (1562.05 sq ft/pallet)
Surface texture options	Natural wood-grain texture / EIR / crystal embossing available	**Loaded pallet dimensions**	1000 × 1250 × 675.0 mm (39.37 × 49.21 × 26.57 in)
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)	**Estimated pallet net weight**	1102.90 kg/pallet (2431.49 lb/pallet)
Installation / click options	Floating installation • Uniclic or i4F; selection confirmed per order	**Estimated pallet gross weight**	1142.90 kg/pallet (2519.67 lb/pallet)
Bevel options	4-sided micro bevel or printed V-bevel available	**20 ft GP loading**	21 pallets/20 ft GP (up to 3-high stacking)
Indicative use class	Class 23	**20 ft GP coverage**	3047.499 m²/20 ft GP (32803.01 sq ft/20 ft GP)
Residential service life	25+ years	**20 ft GP cargo gross weight**	24,000.99 kg/20 ft GP (52,913.13 lb/20 ft GP)

FLEXIBLE CORE LVT CLICK FLOORING — TECHNICAL PERFORMANCE

CHARACTERISTIC	TEST STANDARD	REFERENCE VALUE
Overall thickness	ISO 24346:2006	4.0 mm
Density	ISO 23996:2007	1.85–1.95 g/cm³
Wear layer thickness	ISO 24340:2006	0.30 mm (≈12 mil)
Indicative use class	ISO 10874:2009	Class 23
Micro-scratch resistance	EN 16094	MSR-B2
Squareness	ISO 24342:2018	Max. ≤ 0.15 mm
Straightness	ISO 24342:2018	Max. ≤ 0.15 mm
Dimensional stability	ISO 23999:2021	≤ 0.12%
Curling	ISO 23999:2021	≤ 1.0 mm
Residual indentation	ISO 24343-1:2007	≤ 0.10 mm
Light stability	ISO 105-B02, Method 3	> Grade 6
Reaction to fire	EN 13501-1	Bfl-s1
Dry slip resistance	EN 13893	Class DS
Ramp slip resistance	DIN 51130	R10
Wear resistance	EN 660-2	Group P
Peel resistance	ISO 24345:2006	> 75 N/50 mm
Resistance to stains / chemicals	ISO 26987:2008	No change in surface dulling, surface attack or staining detected
Castor chair	ISO 4918:2016	After 25,000 cycles: no visible damage
Soluble heavy metals	ASTM F963-11	Not detected
Formaldehyde emission	EN 717-1:2004	Not detected
Utilization / recyclability	—	Recyclable