LVT CLICK | 4.0 MM TOTAL THICKNESS | 0.30 MM WEAR LAYER | 228 × 1220 MM

ESSENTIAL • SKU EF-CL-ESS40-030-2281220 • RESIDENTIAL • CLASS 23

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

PRODUCT CONFIGURATION

Product type	Flexible Core LVT Click Plank Flooring
Application	Residential
Product format	Straight plank
Dimensions	228 × 1220 mm (8.98 × 48.03 in)
Total thickness	4.0 mm
Attached underlay	None — no attached backing pad
Wear layer	0.30 mm (≈12 mil)
Construction	UV coating + wear layer + décor film + LVT middle layer with fiberglass + LVT bottom layer; no attached underlay
Surface texture options	Natural wood-grain texture / EIR / crystal embossing available
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)
Installation / click options	Floating installation • Uniclic or i4F; selection confirmed per order
Bevel options	4-sided micro bevel or printed V-bevel available
Indicative use class	Class 23
Residential service life	25+ years

PACKING & LOADING

Carton packing	11 pcs/carton
Carton dimensions	240.0 × 1235.0 × 46.0 mm (9.45 × 48.62 × 1.81 in)
Carton coverage	3.059 m²/carton (32.93 sq ft/carton)
Estimated carton net weight	23.25 kg/carton (51.27 lb/carton)
Estimated carton gross weight	23.75 kg/carton (52.37 lb/carton)
Pallet packing	48 cartons/pallet
Pallet layout	4 cartons/layer × 12 layers
Pallet coverage	146.868 m²/pallet (1580.88 sq ft/pallet)
Loaded pallet dimensions	980 × 1250 × 687.0 mm (38.58 × 49.21 × 27.05 in)
Estimated pallet net weight	1116.20 kg/pallet (2460.80 lb/pallet)
Estimated pallet gross weight	1156.20 kg/pallet (2548.99 lb/pallet)
20 ft GP loading	21 pallets/20 ft GP (up to 3-high stacking)
20 ft GP coverage	3084.238 m²/20 ft GP (33198.46 sq ft/20 ft GP)
20 ft GP cargo gross weight	24,280.21 kg/20 ft GP (53,528.70 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