VINYL FLEXIBLE CORE CLICK HERRINGBONE PLANK FLOORING | 4.0 MM | 0.30 MM WEAR LAYER | 110 × 610 MM

ESSENTIAL • SKU EF-HCL-ESS40-030-110610 • RESIDENTIAL • CLASS 23

Prepared by Ecoflors Technical Team • Version 2026.11.05-R01 • ecoflors.com

PRODUCT CONFIGURATION		PACKING & LOADING	
Product type	Vinyl Flexible Core Click Herringbone Plank Flooring	**Carton packing**	46 pcs/carton (A or B packed separately)
Application	Residential	**Carton dimensions**	122 × 625 × 186 mm (4.80 × 24.61 × 7.32 in)
Product format	Herringbone A/B	**Carton coverage**	3.086 m²/carton (33.22 sq ft/carton)
Dimensions	110 × 610 mm (4.33 × 24.02 in)	**Carton net weight**	23.46 kg/carton (51.72 lb/carton)
Total thickness	4.0 mm	**Carton gross weight**	23.96 kg/carton (52.82 lb/carton)
Attached underlay	None — no attached pad	**Pallet packing**	48 cartons/pallet
Wear layer	0.30 mm (≈12 mil)	**Pallet layout**	16 cartons/layer × 3 layers (8 × 2 layout)
Construction	UV coating + wear layer + décor film + flexible LVT core with fiberglass; no attached pad	**Pallet coverage**	148.156 m²/pallet (1,594.75 sq ft/pallet)
Surface texture options	Natural wood-grain texture / EIR / crystal embossing options	**Loaded pallet dimensions**	1000 × 1270 × 693 mm (39.37 × 50.00 × 27.28 in)
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)	**Pallet net weight**	1,125.99 kg/pallet (2,482.39 lb/pallet)
Installation / click options	Floating installation • Uniclic or i4F options; confirmed per order	**Pallet gross weight**	1,165.99 kg/pallet (2,570.57 lb/pallet)
Bevel options	4-sided micro bevel or printed V-bevel options	**20 ft GP loading**	21 pallets/20 ft GP (up to 3-high stacking)
Indicative use class	Class 23	**20 ft GP coverage**	3111.292 m²/20 ft GP (33,489.68 sq ft/20 ft GP)
Residential service life	25+ years	**20 ft GP cargo gross weight**	24,485.83 kg/20 ft GP (53,982.00 lb/20 ft GP)

VINYL FLEXIBLE CORE CLICK HERRINGBONE PLANK FLOORING — TECHNICAL PERFORMANCE

CHARACTERISTIC	TEST STANDARD	REFERENCE VALUE
Overall thickness	ISO 24346	4 mm
Wear layer thickness	ISO 24340	0.30 mm (≈12 mil)
Indicative use class	ISO 10874	Class 23
Micro-scratch resistance	EN 16094	MSR-B2
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
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