VINYL FLEXIBLE CORE CLICK TILE FLOORING | 5.0 MM | 0.55 MM WEAR LAYER | 457.2 × 914.4 MM

PREMIUM • SKU EF-TCL-PRE50-055-4572X9144 • COMMERCIAL • CLASS 33

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

PRODUCT CONFIGURATION		PACKING & LOADING	
Product type	Vinyl Flexible Core Click Tile Flooring	**Carton packing**	5 pcs/carton
Application	Commercial	**Carton dimensions**	469.2 × 929.4 × 27 mm (18.47 × 36.59 × 1.06 in)
Product format	Rectangular tile	**Carton coverage**	2.090 m²/carton (22.50 sq ft/carton)
Dimensions	457.2 × 914.4 mm (18.00 × 36.00 in)	**Carton net weight**	19.86 kg/carton (43.78 lb/carton)
Total thickness	5.0 mm	**Carton gross weight**	20.36 kg/carton (44.88 lb/carton)
Attached underlay	None — no attached pad	**Pallet packing**	42 cartons/pallet
Wear layer	0.55 mm (≈22 mil)	**Pallet layout**	2 cartons/layer × 21 layers (2 × 1 layout)
Construction	UV coating + wear layer + décor film + flexible LVT core with fiberglass; no attached pad	**Pallet coverage**	87.793 m²/pallet (945.00 sq ft/pallet)
Surface texture options	Stone or carpet texture options	**Loaded pallet dimensions**	960 × 940 × 702 mm (37.80 × 37.01 × 27.64 in)
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)	**Pallet net weight**	834.04 kg/pallet (1,838.74 lb/pallet)
Installation / click options	Floating installation • Uniclic or i4F options; confirmed per order	**Pallet gross weight**	874.04 kg/pallet (1,926.92 lb/pallet)
Bevel options	4-sided micro bevel or printed V-bevel options	**20 ft GP loading**	28 pallets/20 ft GP (up to 3-high stacking)
Indicative use class	Class 33	**20 ft GP coverage**	2458.214 m²/20 ft GP (26,460.00 sq ft/20 ft GP)
Commercial service life	15+ years	**20 ft GP cargo gross weight**	24,473.04 kg/20 ft GP (53,953.81 lb/20 ft GP)

VINYL FLEXIBLE CORE CLICK TILE FLOORING — TECHNICAL PERFORMANCE

CHARACTERISTIC	TEST STANDARD	REFERENCE VALUE
Overall thickness	ISO 24346	5 mm
Wear layer thickness	ISO 24340	0.55 mm (≈22 mil)
Indicative use class	ISO 10874	Class 33
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