LVT LOOSE LAY TILE FLOORING | 4.0 MM | 0.30 MM WEAR LAYER | 457.2 × 457.2 MM

ESSENTIAL • SKU EF-TLL-ESS40-030-4572X4572 • RESIDENTIAL • CLASS 23

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

PRODUCT CONFIGURATION		PACKING & LOADING	
Product type	LVT Loose Lay Tile Flooring	**Carton packing**	14 pcs/carton
Application	Residential	**Carton dimensions**	465.2 × 465.2 × 58 mm (18.31 × 18.31 × 2.28 in)
Product format	Square tile	**Carton coverage**	2.926 m²/carton (31.50 sq ft/carton)
Dimensions	457.2 × 457.2 mm (18.00 × 18.00 in)	**Carton net weight**	22.24 kg/carton (49.03 lb/carton)
Total thickness	4.0 mm	**Carton gross weight**	22.74 kg/carton (50.14 lb/carton)
Attached underlay	None — no attached pad	**Pallet packing**	36 cartons/pallet
Wear layer	0.30 mm (≈12 mil)	**Pallet layout**	4 cartons/layer × 9 layers (2 × 2 layout)
Construction	UV coating + wear layer + décor film + reinforced LVT core with fiberglass + anti-skid backing	**Pallet coverage**	105.352 m²/pallet (1,134.00 sq ft/pallet)
Surface texture options	Stone or carpet texture options	**Loaded pallet dimensions**	950 × 950 × 657 mm (37.40 × 37.40 × 25.87 in)
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)	**Pallet net weight**	800.68 kg/pallet (1,765.19 lb/pallet)
Installation / click options	Loose-lay installation • No click system	**Pallet gross weight**	840.68 kg/pallet (1,853.37 lb/pallet)
Bevel options	4-sided micro bevel	**20 ft GP loading**	29 pallets/20 ft GP (up to 3-high stacking)
Indicative use class	Class 23	**20 ft GP coverage**	3055.209 m²/20 ft GP (32,886.00 sq ft/20 ft GP)
Residential service life	25+ years	**20 ft GP cargo gross weight**	24,379.59 kg/20 ft GP (53,747.80 lb/20 ft GP)

LVT LOOSE LAY TILE 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