LVT LOOSE LAY | 4.0 MM TOTAL THICKNESS | 0.30 MM WEAR LAYER | 228.6 × 1219.2 MM

ESSENTIAL • SKU EF-LL-ESS40-030-2286X12192 • RESIDENTIAL • CLASS 23

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PRODUCT CONFIGURATION		PACKING & LOADING • ESTIMATED	
Product type	LVT Loose Lay Plank Flooring	**Carton packing**	11 pcs/carton
Application	Residential	**Carton dimensions**	236.6 × 1229.2 × 46.0 mm (9.31 × 48.39 × 1.81 in)
Product format	Straight plank	**Carton coverage**	3.065 m²/carton (33.00 sq ft/carton)
Dimensions	228.6 × 1219.2 mm (9.00 × 48.00 in)	**Estimated carton net weight**	23.30 kg/carton (51.37 lb/carton)
Total thickness	4.0 mm	**Estimated carton gross weight**	23.80 kg/carton (52.47 lb/carton)
Backing / underlay	Anti-skid backing; no attached pad	**Pallet packing**	48 cartons/pallet
Wear layer	0.30 mm (≈12 mil)	**Pallet layout**	4 cartons/layer × 12 layers
Construction	UV coating + wear layer + décor film + LVT reinforced layer with fiberglass + anti-skid backing; dual fiberglass reinforcement available	**Pallet coverage**	147.158 m²/pallet (1584.00 sq ft/pallet)
Surface texture options	Natural wood-grain texture, EIR (embossed-in-register) or crystal embossing	**Loaded pallet dimensions**	970 × 1240 × 687.0 mm (38.19 × 48.82 × 27.05 in)
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)	**Estimated pallet net weight**	1118.40 kg/pallet (2465.66 lb/pallet)
Installation method	Loose-lay installation	**Estimated pallet gross weight**	1158.40 kg/pallet (2553.84 lb/pallet)
Bevel	4-sided micro bevel	**20 ft GP loading**	21 pallets/20 ft GP (up to 3-high stacking)
Indicative use class	Class 23	**20 ft GP coverage**	3090.326 m²/20 ft GP (33264.00 sq ft/20 ft GP)
Residential service life	25+ years	**20 ft GP cargo gross weight**	24,326.48 kg/20 ft GP (53,630.71 lb/20 ft GP)

LVT LOOSE LAY FLOORING — TECHNICAL PERFORMANCE

CHARACTERISTIC	TEST STANDARD	REFERENCE VALUE
Overall thickness	ISO 24346:2006	4.0 mm
Density	ISO 23996:2007	1.80–1.90 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
Dimensional tolerance	ISO 24342:2007	Length / width: max. ±0.50 mm
Squareness	ISO 24342:2007	Max. ≤ 0.20 mm
Straightness	ISO 24342:2007	Max. ≤ 0.20 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
Flexibility	ISO 24344:2008, Method A	No cracking in either direction with a 50 mm mandrel
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