# LVT LOOSE LAY TILE FLOORING | 5.0 MM | 0.55 MM WEAR LAYER | 457.2 × 914.4 MM

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

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** | 5 pcs/carton |
| **Application** | Commercial | **Carton dimensions** | 465.2 × 924.4 × 27 mm (18.31 × 36.39 × 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 + reinforced LVT core with fiberglass + anti-skid backing | **Pallet coverage** | 87.793 m²/pallet (945.00 sq ft/pallet) |
| **Surface texture options** | Stone or carpet texture options | **Loaded pallet dimensions** | 950 × 940 × 702 mm (37.40 × 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** | Loose-lay installation • No click system | **Pallet gross weight** | 874.04 kg/pallet (1,926.92 lb/pallet) |
| **Bevel options** | 4-sided micro bevel | **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) |

## LVT LOOSE LAY 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 |