

METROFLOR LVT

Flexible LVT by METROFLOR™

DÉJÀ NEW TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING - PLANK (DRYBACK SOLID VINYL TILE FLOORING - 2.5 MM / 0.5 MM)

COLLECTIONS	Alleyway, Coastal Oak, Oak Framing, English Walnut	Clean Oak, San Marcos Oak
USE	Commercial & Residential (<i>Refer to the Recommended Use PDF for Recommended Commercial Areas</i>)	
SIZE	7 x 48 in. (177.8 x 1,219.2 mm)	9 x 60 in. (228.6 x 1,524 mm)
THICKNESS - LVT	2.5 mm (0.098 in.)	2.5 mm (0.098 in.)
THICKNESS - WEAR LAYER	0.5 mm (20 mil)	0.5 mm (20 mil)
PROFILE	Micro-Bevel Edge	Micro-Bevel Edge
FINISH	FX3 Surface Protectant with Ultra-Fresh	FX3 Surface Protectant with Ultra-Fresh
EMBOSS	Alleyway - Linen Coastal Oak - Saw Cut Oak Framing - Natural Timber	Clean Oak - In-Register San Marcos Oak - In-Register
COVERAGE - CARTON	16 Pieces/Carton (37.3 Sq.Ft. / 3.47 Sq.M.)	10 Pieces/Carton (37.5 Sq.Ft. / 3.48 Sq.M.)
COVERAGE - PALLET	70 Cartons/Pallet (2,613 Sq.Ft. / 242.8 Sq.M.)	60 Cartons/Pallet (2,250 Sq.Ft. / 209.0 Sq.M.)
COVERAGE - CONTAINER	16 Pallets/Container (41,813 Sq.Ft. / 3,385 Sq.M.)	20 Pallets/Container (45,000 Sq.Ft. / 4,181 Sq.M.)
LIMITED WARRANTY	15-Year Commercial / Lifetime Residential	15-Year Commercial / Lifetime Residential

PHYSICAL PROPERTIES & PACKAGING - TILE (DRYBACK SOLID VINYL TILE FLOORING - 2.5 MM / 0.5 MM)

COLLECTIONS	Belgium Weave	Smooth Concrete, Terrazzo
USE	Commercial & Residential (<i>Refer to the Recommended Use PDF for Recommended Commercial Areas</i>)	
SIZE	16 x 32 in. (406.4 x 812.8 mm)	24 x 24 in. (609.6 x 609.6 mm)
THICKNESS - LVT	2.5 mm (0.098 in.)	2.5 mm (0.098 in.)
THICKNESS - WEAR LAYER	0.5 mm (20 mil)	0.5 mm (20 mil)
PROFILE	Square Edge	Micro-Bevel Edge
FINISH	FX3 Surface Protectant with Ultra-Fresh	FX3 Surface Protectant with Ultra-Fresh
EMBOSS	Linen	Rough Concrete
COVERAGE - CARTON	10 Pieces/Carton (35.6 Sq.Ft. / 3.30 Sq.M.)	9 Pieces/Carton (36 Sq.Ft. / 3.34 Sq.M.)
COVERAGE - PALLET	56 Cartons/Pallet (1,991 Sq.Ft. / 185.0 Sq.M.)	20 Cartons/Pallet (720 Sq.Ft. / 66.9 Sq.M.)
COVERAGE - CONTAINER	24 Pallets/Container (47,787 Sq.Ft. / 4,440 Sq.M.)	62 Pallets/Container (44,640 Sq.Ft. / 4,147 Sq.M.)
LIMITED WARRANTY	15-Year Commercial / Lifetime Residential	15-Year Commercial / Lifetime Residential

STANDARDS — MANUFACTURING & USAGE (ASTM F1700)

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F1700	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements ¹
ASTM F1914	Residual Indentation	Average: < 8%, Any Sample ≤ 10%	Passes Requirements
ASTM F137	Flexibility	No Crack or Break, 1-in. (25.4 mm) Mandrel	Passes Requirements
ASTM F2199	Dimensional Stability	≤ 0.020 in./lin. ft (0.51 mm/305 mm)	Passes Requirements
ASTM F925	Chemical Resistance	No More Than "Slight Change"	Passes Requirements
ASTM F1514	Resistance to Heat	Average ΔE < 8.0	Passes Requirements
ASTM F1515	Resistance to Light	Average ΔE < 8.0	Passes Requirements

STANDARDS — SAFETY & PERFORMANCE

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/Sq. cm.	Passes Requirements ²
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ³
CDPH Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
REACH SVHC 207	Substances of Very High Concern	Per Substance: ≤ 0.1% w/w weight/weight)	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table 1)	Passes Requirements
CPSC-CH-C1001-09.4	Phthalates	Per CPSIA ⁴ ≤ 0.1% per Substance	Passes Requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	≥ 0.6 (Dry)
ANSI ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Abs) ≤ 2.0kV
ASTM F970	Static Load	N/A (No Official Requirements)	0.005 in., 1,400 psi
ASTM D4060	Abrasion Resistance	N/A (No Official Requirements)	Average ≥ 20,000 cycles

STANDARDS — SOUND

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	RESULTS
6" Concrete Slab	STC 51 ⁵	IIC 50 ⁵	ΔIIC 21 ⁵	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
			ΔIIC 14 ⁶	
6" Concrete Slab + Drop-Ceiling	STC 61 ⁵	IIC 70 ⁵	Not Applicable	

NOTES

- ASTM F1700 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, and Wear Layer Thickness (Commercial Class).
- ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
- ASTM E662 - Smoke Density: 450 is the limit established by many state, county, and/or local building and/or fire codes, but is not set as a limit for (resilient) flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction. Consult your building inspector / fire marshal to learn more.
- CPSIA = Consumer Product Safety Improvement Act.
- Tested assembly: Metroflor LVT with Prevail™ Glue Down Pad.
- Tested assembly: Metroflor LVT.

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