

# METROFLOR LVT

Flexible LVT by METROFLOR™

## DOUBLE TAKE TECHNICAL DATA SHEET

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

COLLECTIONS	Wood	Abstract, Stone, Textile	Terrazzo
USE	Commercial & Residential (Refer to the Recommended Use PDF for Recommended Commercial Areas)		
SIZE	7 x 48 in. (177.8 x 1,219.2 mm)	12 x 24 in. (304.8 x 609.6 mm)	18 x 36 in. (457.2 x 914.4 mm)
THICKNESS - LVT	2.5 mm (0.098 in.)	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)	0.5 mm (20 mil)
PROFILE	Micro-Bevel Edge	Micro-Bevel Edge	Micro-Bevel Edge
FINISH	UV-Cured Polyurethane with Ceramic Bead & Ultra-Fresh	UV-Cured Polyurethane with Ceramic Bead & Ultra-Fresh	UV-Cured Polyurethane with Ceramic Bead & Ultra-Fresh
EMBOSS	Wood - Woodland	Abstract, Textile - Diffused Stone - Granite	Terrazzo - Diffused
COVERAGE - CARTON	18 Pieces/Carton (42 Sq.Ft. / 3.9 Sq.M.)	18 Pieces/Carton (36 Sq.Ft. / 3.34 Sq.M.)	10 Pieces/Carton (45 Sq.Ft. / 4.18 Sq.M.)
COVERAGE - PALLET	50 Cartons/Pallet (2,100 Sq.Ft. / 195.1 Sq.M.)	56 Cartons/Pallet (2,016 Sq.Ft. / 187.3 Sq.M.)	50 Cartons/Pallet (2,250 Sq.Ft. / 209 Sq.M.)
COVERAGE - CONTAINER	20 Pallets/Container (42,000 Sq.Ft. / 3,901 Sq.M.)	20 Pallets/Container (40,320 Sq.Ft. / 3,746 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	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 <sup>1</sup>
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 <sup>2</sup>
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements <sup>3</sup>
CDPH Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
REACH SVHC 235	Substances of Very High Concern	Per Substance: ≤ 0.1%	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table 1)	Passes Requirements
CPSC-CH-C1001-09.4	Phthalates	Per CPSIA <sup>4</sup> ≤ 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., 1,500 psi

### STANDARDS — SOUND

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	RESULTS
6 in. Concrete Slab	STC 51 <sup>5</sup>	IIC 50 <sup>5</sup>	ΔIIC 21 <sup>5</sup> ΔIIC 14 <sup>6</sup>	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
6 in. Concrete Slab + Drop-Ceiling	STC 61 <sup>5</sup>	IIC 66 <sup>5</sup>	Not Applicable	

### NOTES

- ASTM F1700 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, and Wear Layer Thickness.
- 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 marshall 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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