

METROFLOR LVT

Flexible LVT by METROFLOR™

METROFLOR AMERICAN PLANK FULL SPECIFICATION SHEET

Metroflor™ is the essence of revolution in resilient flooring. As the leader in sustainability and transparency, Metroflor, and parent company HMTX, is engaging in collaborative partnerships that result in healthy, high-performing, and biophilically-designed products. Disruptive intelligence dictates our culture. We are answering the need to educate, motivate, and encourage individuals to invest in a restorative ecosystem.

The future starts with all of us.

PHYSICAL PROPERTIES & PACKAGING (DRYBACK SOLID VINYL TILE FLOORING - 2.0 MM / 0.15 MM)

USE	Commercial & Residential (Refer to the Recommended Use PDF for Recommended Commercial Areas)
SIZE	6 x 36 in. (152.4 x 914.4 mm)
LVT THICKNESS	2.0 mm (0.079 in.)
WEAR LAYER THICKNESS	0.15 mm (6 mil)
PROFILE	Square Edge
FINISH	Urethane Coating with Ceramic Bead Particles
EMBOSS	Barnside, Natural Timber
CARTON COVERAGE	24 Pieces/Carton (36 Sq.Ft. / 3.34 Sq.M.)
PALLET COVERAGE	66 Cartons/Pallet (2,376 Sq.Ft. / 220.7 Sq.M.)
CONTAINER COVERAGE	20 Pallets/Container (47,520 Sq.Ft. / 4,415 Sq.M.)
LIMITED WARRANTY	5-Year Commercial 10-Year Residential



Metroflor LVT - Metroflor American Plank: Buckboard

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

NOTES

(1) ASTM F1700 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, and Wear Layer Thickness (Commercial Class).

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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 223	Substances of Very High Concern	Per Substance: $\leq 0.1\%$ weight/weight	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table 1)	Passes Requirements
CPSC-CH-C1001-09.4	Phthalates	Per CPSIA ⁴ $\leq 0.1\%$ 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) ≤ 2.0 kV
ASTM F970	Static Load	N/A (No Official Requirements)	0.005 in., 1,400 psi

STANDARDS — SOUND

ASSEMBLY	ASTM E90	ASTM E492	RESULTS
6" Concrete Slab + Drop-Ceiling	STC 66	IIC 70 ⁵	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings

CERTIFICATIONS & LABELS (refer to the Metroflor Sustainability Glossary for program descriptions)

FLOORSCORE®	SCS Green Products Guide	ISO 9001 - QUALITY MANAGEMENT SYSTEMS	Certificate Available Upon Request
HEALTH PRODUCT DECLARATION (HPD)	HPD Repository	ISO 14001 - ENVIRONMENTAL MANAGEMENT SYSTEMS	Certificate Available Upon Request
JUST (HMTX INDUSTRIES, U.S. CORPORATE)	JUST Database	ISO 45001 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM	Certificate Available Upon Request

COMPLIANCE

California Proposition 65	Health Product Declaration	Safer Products for Washington	Health Product Declaration
CDPH Standard Method v1.2-2017	FloorScore Certification	REACH SVHC	Test Reports Available Upon Request

PRODUCT ATTRIBUTES (refer to the Health Product Declaration)

Free of Asbestos	Free of (Added) Formaldehyde	Free of (Added) PFAS	Free of Flame Retardants
Free of Red List Heavy Metals	Free of Phthalates	Free of Alkylphenols	Free of Organotins
Free of Bisphenols	Free of Antimicrobials - By Formulation		

NOTES

- (2) ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
- (3) 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.
- (4) CPSIA = Consumer Product Safety Improvement Act.
- (5) Tested assembly: Metroflor LVT with Prevail™ Glue Down Pad.
- (6) Tested assembly: Metroflor LVT.

WELL BUILDING STANDARD V2 - CONTRIBUTIONS TOWARDS CERTIFICATION

CONCEPT	FEATURE	PART	CONTRIBUTION
Materials	X01 - Material Restrictions	Part 1(a): Restrict Asbestos	Free of asbestos
	X05 - Enhanced Material Restrictions	Part 2(a): Select Compliant Architectural and Interior Products	Free of flame retardants, PFAS, phthalates
	X06 - VOC Restrictions	Part 1(a)(b): Limit VOCs from Wet-Applied Products	Prevail™ adhesives recommended for use with Metroflor LVT are FloorScore certified and thus meet the requirements of SCAQMD Rule 1168 and CDPH Standard Method v1.2-2017
		Part 2(a): Restrict VOC Emissions from Furniture, Architectural and Interior Products	FloorScore certified - complies with CDPH Standard Method v1.2-2017
	X07 - Materials Transparency	Part 1(a)(b): Select Products with Disclosed Ingredients	Declare Label and/or Health Product Declaration
		Part 2(a)(b): Select Products with Enhanced Ingredient Disclosure	Declare Label and/or Health Product Declaration (100 ppm)
Mind	M02 - Nature and Place	Part 1(a): Provide Connection to Nature, Natural Patterns, Colors	Includes products that incorporate nature's patterns & colors

LEED V4.1 - CONTRIBUTIONS TOWARDS CERTIFICATION

CATEGORY	CREDIT	DESCRIPTION	CONTRIBUTION
Materials & Resources	MR Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials (Recycled Content)	Prevail 6000 PSA, one of the adhesives recommended for use with Metroflor LVT, has been certified by SCS Global Services as having at least 21% post-consumer recycled glass content (dry-weight basis)
		Building Product Disclosure and Optimization - Material Ingredients (Option 1)	Declare Label and/or Health Product Declaration
Indoor Environmental Quality	EQ Credit	Low-Emitting Materials: Adhesives & Sealants	All Prevail adhesives recommended for use with Metroflor LVT are FloorScore certified
		Low-Emitting Materials: Flooring	FloorScore certified - complies with CDPH Standard Method v1.2-2017