

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 (FLOATING MULTILAYER MODULAR FLOORING - 5.2 MM / 0.5 MM)

COLLECTION	120	120
USE	Commercial & Residential (Refer to Recommended Use PDF for Commercial Recommended Areas)	
SIZE	7.08 x 47.64 in. (180 x 1,210 mm)	7.08 x 59.45 in. (179.8 x 1,509.8 mm)
THICKNESS - OVERALL	5.0 mm (0.197 in.)	5.0 mm (0.197 in.)
THICKNESS - WEAR LAYER	0.3 mm (12 mil)	0.3 mm (12 mil)
THICKNESS - CORE	4.0 mm (0.157 in.) Solid Polymer Core (SPC)	4.0 mm (0.157 in.) Solid Polymer Core (SPC)
THICKNESS - PAD	1.0 mm (0.039 in.) HDPE	1.0 mm (0.039 in.) HDPE
PROFILE	Square Edge, Accent Bevel Edge	Accent Bevel Edge
FINISH	FX2™ Surface Protectant	FX2™ Surface Protectant
EMBOSS	Natural Timber, Barnside, Enhanced Grain, Wood Tick, Natural Grain	Barnside, Natural Timber
COVERAGE - CARTON	10 Pieces/Carton (23.4 Sq.Ft. / 2.18 Sq.M.)	8 Pieces/Carton (23.41 Sq.Ft. / 2.17 Sq.M.)
COVERAGE - PALLET	48 Cartons/Pallet (1,125 Sq.Ft. / 104.5 Sq.M.)	55 Cartons/Pallet (1,287 Sq.Ft. / 119.6 Sq.M.)
COVERAGE - CONTAINER	20 Pallets/Container (22,506 Sq.Ft. / 2,091 Sq.M.)	20 Pallets/Container (25,746 Sq.Ft. / 2,392 Sq.M.)
LIMITED WARRANTY	10-Year Commercial 25-Year Residential	10-Year Commercial 25-Year Residential

## STANDARDS — MANUFACTURING & USAGE (ASTM F3261)

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM F3261	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements <sup>1</sup>
ASTM F1914	Residual Indentation	Average: ≤ 0.007 in. (0.18 mm)	Passes Requirements
ASTM F1914	Surface Integrity	No Puncture Through Wear Layer / Décor Layer	Passes Requirements
ISO 23999	Dimensional Stability	≤ 0.2% / lineal ft. (305 mm)	Passes Requirements
ISO 23999	Curling	≤ 0.080 in. (2.0 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 F3261 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, Wear Layer Thickness (Commercial Class), Flatness, Openings, and Ledging.

## STANDARDS — SAFETY & PERFORMANCE

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: $\geq 0.45$ W/Sq. cm.	Passes Requirements <sup>2</sup>
ASTM E662	Smoke Density	Flaming & Non-Flaming $\leq 450$	Passes Requirements <sup>3</sup>
CDPH Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
REACH SVHC 224	Substances of Very High Concern	Refer to Standard	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table 1)	Passes Requirements
CPSC-CH-C1001-09.4	Phthalates	Per CPSIA <sup>4</sup> $\leq 0.1\%$ per Substance	Passes Requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	$\geq 0.6$ (Dry)
ANSI ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Abs): $\leq 2.0$ kV

## STANDARDS — SOUND

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	RESULTS
6" Concrete Slab	STC 50	IIC 52	$\Delta$ IIC 23	Tested assemblies pass International Building Code (IBC) requirements of STC $\geq 50$ and IIC $\geq 50$ for multi-story dwellings
6" Concrete Slab + Drop-Ceiling	STC 61	IIC 67	Not Applicable	
Wood Subfloor / Ceiling Assembly <sup>5</sup>	STC 57	IIC 51	Not Applicable	

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

ASSURE Certified™	<a href="#">SCS Green Products Guide</a>	ISO 9001 - QUALITY MANAGEMENT SYSTEMS	Certificate Available Upon Request
FLOORSORE®	<a href="#">SCS Green Products Guide</a>	JUST (HMTX INDUSTRIES, U.S. CORPORATE)	<a href="#">JUST Database</a>
HEALTH PRODUCT DECLARATION (HPD)	<a href="#">HPD Repository</a>		

## COMPLIANCE

California Proposition 65	<a href="#">Health Product Declaration</a>	Safer Products for Washington	<a href="#">Health Product Declaration</a>
CDPH Standard Method v1.2-2017	<a href="#">FloorScore Certification</a>	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) Wood subfloor/ceiling assembly: 5 mm Inception solid polymer core (SPC) flooring, 19.1 mm USG Levelrock® 2500 floor underlayment, 18.8 mm oriented strand board sheathing, 88.9 mm Johns Manville unfaced R-13 fiberglass insulation, 457.2 mm York PB truss L/360 open web truss, 12.7 mm ClarkDietrich RC Deluxe™ resilient channel, 15.9 mm USG SHEETROCK® brand FIRECODE®C core gypsum panel.

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 & Interior Products	Free of flame retardants, PFAS, phthalates
	X06 - VOC Restrictions	Part 2(a): Restrict VOC Emissions from Furniture, Architectural & 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 & Optimization - Material Ingredients (Option 1)	Declare Label and/or Health Product Declaration
Indoor Environmental Quality	EQ Credit	Low-Emitting Materials: Flooring	FloorScore certified - complies with CDPH Standard Method v1.2-2017