

INCEPTION • RESERVE

Waterproof SPC by METROFLOR™

FAMILY OAK & WELLNESS OAK 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 (FLOATING MULTILAYER MODULAR FLOORING - 5.5 MM / 0.5 MM)

COLLECTION	Family Oak	Wellness Oak
USE	Commercial & Residential (Refer to Recommended Use PDF for Commercial Recommended Areas)	
SIZE	8.66 x 59.45 in. (220 x 1,510 mm)	7.08 x 47.64 in. (180 x 1,210 mm)
THICKNESS - OVERALL	5.5 mm (0.217 in.)	5.5 mm (0.217 in.)
THICKNESS - WEAR LAYER	0.5 mm (20 mil)	0.5 mm (20 mil)
THICKNESS - CORE	4.5 mm (0.177 in.) Solid Polymer Core (SPC)	4.5 mm (0.177 in.) Solid Polymer Core (SPC)
THICKNESS - PAD	1.0 mm (0.039 in.) HDPE	1.0 mm (0.039 in.) HDPE
PROFILE	Accent Bevel Edge	Accent Bevel Edge
FINISH	FX2™ Surface Protectant	FX2™ Surface Protectant
EMBOSS	In-Register	In-Register
COVERAGE - CARTON	6 Pieces/Carton (21.5 Sq.Ft. / 1.99 Sq.M.)	10 Pieces/Carton (23.4 Sq.Ft. / 2.18 Sq.M.)
COVERAGE - PALLET	52 Cartons/Pallet (1,116 Sq.Ft. / 103.6 Sq.M.)	55 Cartons/Pallet (1,289 Sq.Ft. / 119.8 Sq.M.)
COVERAGE - CONTAINER	21 Pallets/Container (23,428 Sq.Ft. / 2,177 Sq.M.)	19 Pallets/Container (24,499 Sq.Ft. / 2,276 Sq.M.)
LIMITED WARRANTY	15-Year Commercial Lifetime Residential	15-Year Commercial Lifetime Residential

STANDARDS — MANUFACTURING & USAGE (ASTM F3261)

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM F3261	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements ¹
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	$\leq 0.2\%$ / 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 $\Delta E \leq 8.0$	Passes Requirements
ASTM F1515	Resistance to Light	Average $\Delta E \leq 8.0$	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: ≥ 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 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 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

STANDARDS — SOUND

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	RESULTS
6-inch Concrete Slab	STC 50	IIC 54	Δ IIC 25	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
6-inch Concrete Slab + Drop-Ceiling	STC 62	IIC 67	Not Applicable	

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

ASSURE Certified™	SCS Green Products Guide	FLOORSCORE®	SCS Green Products Guide
DECLARE™	Declare Database	HEALTH PRODUCT DECLARATION (HPD)	HPD Repository
ENVIRONMENTAL PRODUCT DECLARATION (EPD)	SCS Green Products Guide	ISO 9001 - QUALITY MANAGEMENT SYSTEMS	Certificate Available Upon Request
EMBODIED CARBON (kg CO ₂ -eq per sq.m)	14.077 - SCS Green Products Guide	JUST (HMTX INDUSTRIES, U.S. CORPORATE)	JUST Database

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) 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 - Environmental Product Declarations (Option 1)	Product-Specific Type III EPD
		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