

## PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 8.0 MM / 0.5 MM)

USE	Commercial & Residential ( <i>Refer to Recommended Use PDF for Commercial Recommended Areas</i> )
SIZE	8.66 x 72.05 in. (220 x 1,830 mm)
THICKNESS - OVERALL	8.0 mm (0.315 in.)
THICKNESS - WEAR LAYER	0.5 mm (20 mil)
THICKNESS - LVT	2.0 mm (0.079 in.) Luxury Vinyl Tile (LVT)
CORE	5.0 mm (0.197 in.) ISOCORE Technology™ (WPC)
PAD	1.0 mm (0.039 in.) HDPE
PROFILE	Painted Bevel
FINISH	FX2 Surface Protectant™
COVERAGE - CARTON	6 Pieces/Carton (26 Sq.Ft. / 2.41 Sq.M.)
COVERAGE - PALLET	68 Cartons/Pallet (1,767.8 Sq.Ft. / 164.2 Sq.M.)
COVERAGE - CONTAINER	12 Pallets/Container (21,214 Sq.Ft. / 1,971 Sq.M.)
LIMITED WARRANTY	15-Year Commercial / Lifetime Residential

## STANDARDS — MANUFACTURING & USAGE (ASTM F3261)

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM F3261	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements <sup>1</sup>
ASTM F3261, Sec. 8.8	Thickness Swell	Product with Attached Back: ≤ 5% Swell	Passes Requirements
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
ASTM F970	Static Load	0.005 in., 250 psi	0.005 in., ≥ 500 psi

## 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	≤ 0.1% per Substance	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
NALFA/ANSI LF-01-2018, Sec. 3.2	Assembled Joint Surface Swell Test	Heavy Commercial: ≤ 12% Swell	No Swelling / Seam Penetration
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 (Absolute): ≤ 2.0 kV
ASTM D4060	Abrasian Resistance	N/A (No Official Requirements)	Average: ≥ 25,000 cycles

## STANDARDS — SOUND

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	RESULTS
6 in. Concrete Slab	STC 50	IIC 54	ΔIIC 25	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 62	IIC 67	Not Applicable	

## NOTES

- (1) ASTM F3261 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, Wear Layer Thickness (Commercial Class), Flatness, Openings, and Ledging.
- (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 marshall to learn more.
- (4) CPSIA = Consumer Product Safety Improvement Act.