

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING – 5.0 MM / 0.3 MM)

Use	Commercial & Residential
Size	8.897 x 60 in. (226 x 1,524 mm)
Thickness - Overall	5.0 mm (0.197 in.)
Thickness - Wear Layer	0.3 mm (12 mil)
Core	4.0 mm (0.157 in.) Solid Core
Pad	1.0 mm (0.039 in.) HDPE
Profile	Painted Bevel
Finish	Urethane with Ceramic Bead
Embossing	Natural Grain
Coverage - Carton	6 Pieces/Carton (22.25 Sq.Ft. / 2.07 Sq.M.)
Coverage - Pallet	48 Cartons/Pallet (1,067.7 Sq.Ft. / 99.2 Sq.M.)
Coverage - Container	21 Pallets/Container (22,422 Sq.Ft. / 2,083 Sq.M.)
Limited Warranty	6-Year Commercial / 15-Year 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	≤ 0.25% / 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 Limit	Not Applicable (Wear Layer < 20 mil)	≥ 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 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
ASTM F963	Heavy Metals	Refer to Standard (Table I)	Passes Requirements
CPSC-CH-C1001-09.3	Phthalates	Per CPSIA ⁴ : ≤ 0.1% per Substance	Passes Requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	≥ 0.6 (Dry)

STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 50	IIC 52	ΔIIC 23	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
6" Concrete Slab + Drop-Ceiling	STC 61	IIC 67	Not Applicable	

Notes

- 1) ASTM F3261 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, Flatness, Openings, and Ledgeing.
- 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 in the United States, 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.
- 4) CPSC-CH-C1001-09.3 - Phthalates: CPSIA = Consumer Product Safety Improvement Act.