

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 8.0MM / 0.55 MM)

Collections	Arezzo / Flamed Oak / Gotham Oak / Natural Oak
Use	Commercial & Residential
Size	220mm x 1510mm (8.66" x 59.45")
Mass per Unit Area	7.89kg/m ²
Thickness - Overall/Wear Layer	8.0mm (0.315") / 0.55mm (22mil)
Top Layer	2.0mm (0.079") Luxury Vinyl Tile (LVT)
Core	4.0mm (0.157") ISOCORE Technology®
Pad	2.0mm (0.079") IXPE
Profile	Bevel
Finish	Duraspect™ Extreme Surface Protectant
Embossing	In-Register Emboss (IRE)
Coverage - Carton	8 Pieces/Carton (28.6 Sq.Ft. / 2.66 Sq.M.)
Coverage - Pallet	52 Cartons/Pallet (1,487.5 Sq.Ft. / 138.2 Sq.M.)
Coverage - Container	14 Pallets/Container (20,825.3 Sq.Ft. / 1,934.7 Sq.M.)
Limited Warranty	10-Year Commercial / 15-Year Residential

NORTH AMERICAN 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" (0.18mm)	Surpasses Requirements
ASTM F1914	Surface Integrity	No puncture through wear layer / décor layer	Passes Requirements
ISO 23999	Dimensional Stability	≤0.2% / lineal ft. (305 mm)	Surpasses Requirements
ISO 23999	Curling	≤0.080" (2.0mm)	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average ΔE < 8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average ΔE < 8.0	Surpasses Requirements
ASTM F970	Static Load Limit	≤0.005" (0.13mm), 250psi	Surpasses (≥500psi)

NORTH AMERICAN 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)
ANSI ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Abs): ≤2.0kV

NORTH AMERICAN STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" 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" Concrete Slab + Drop-Ceiling	STC 61	IIC 69	Not Applicable	

Notes

- 1) ASTM F3261 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, Wear Layer Thickness (Commercial Class.), 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.