



PHYSICAL PROPERTIES (FLOATING MULTILAYER MODULAR FLOORING) - 8.5MM GAUGE / 6MIL WEAR LAYER

Collection	LifeProof Large Format Tile
Size	23.82" x 23.82" (605mm x 605mm)
Overall Gauge	8.5mm (0.335")
Wear Layer	6mil (0.15mm)
Top Layer	1.5mm (0.059") LVT
Core	5.0mm (0.197") Rigid Core
Pad	2.0mm (0.079") IXPE
Use	Light Commercial & Residential
Profile	Square Edge
Finish	ScratchProtect™
Ultra-Fresh	Included in Finish and Pad
Embossing(s)	Coral, Honed, Textured Concrete
Coverage/Carton	5 pieces – 19.7 Sq. Ft. (1.83 Sq. M.)
Limited Warranty	Light Commercial - 5 Years Residential - Lifetime

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 into rigid core	Passes Requirements
ISO 23999	Dimensional Stability	≤0.25% / 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	Not Applicable (12mil Wear Layer)	≤0.005" (0.13mm), 250psi
SIM Test	Static Load Limit (Simulated Test)	Test to Limit (±0.005")	≥500psi

STANDARDS – SAFETY

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
ASTM D2047	Coefficient of Friction (Slip Resistance)	Not Applicable (No Official Requirements)	≥0.6 (Dry)
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823	Phthalates	Refer to CPSIA ⁴	Passes Requirements
ASTM G21	Antifungal Activity	Not Applicable (No Official Requirements)	Top: 0-1; Bottom: 0-1 ⁵

STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 52	IIC 52	ΔIIC 22	All tested assemblies pass International Building Code requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings.
8" Concrete Slab	STC 54	IIC 55	Not Applicable	
6" Concrete Slab with Drop-Ceiling	STC 62	IIC 66	Not Applicable	

Notes

- 1) ASTM F3261 - Physical Characteristics / Tolerances: encompasses Size, Squareness, Thickness, 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.
- 4) CPSIA = Consumer Product Safety Improvement Act.
- 5) ASTM G21 - Antifungal Activity: Top Surface (LVT Top Layer) and Bottom Surface (Pad) scored 0-1 (No Growth to <10% Growth).

Ultra-Fresh is a registered trademark of Thomson Research Associates, Inc.