



PHYSICAL PROPERTIES (FLOATING MULTILAYER MODULAR FLOORING) - 6.5MM GAUGE / 6MIL WEAR LAYER

Collection	Tile - 16" x 32"	Plank - 7.1" x 47.6"	Plank - 7.5" x 47.6"	Plank - Multi-Width
Size	16"x32" (406.4mm x 812.8mm)	7.1"x47.6" (180mm x 1210mm)	7.5"x47.6" (190mm x 1210mm)	4.25"x47.6" (108mm x 1210mm) 5.59"x47.6" (142mm x 1210mm) 9.84"x47.6" (250mm x 1210mm)
Overall Gauge	6.5mm (0.256")	6.5mm (0.256")	6.5mm (0.256")	6.5mm (0.256")
Wear Layer	6mil (0.15mm)	6mil (0.15mm)	6mil (0.15mm)	6mil (0.15mm)
Top Layer	1.5mm (0.059") LVT	1.5mm (0.059") LVT	1.5mm (0.059") LVT	1.5mm (0.059") LVT
Core	4.0mm (0.157") Rigid Core	4.0mm (0.157") Rigid Core	4.0mm (0.157") Rigid Core	4.0mm (0.157") Rigid Core
Pad	1.0mm (0.039") HDPE	1.0mm (0.039") HDPE	1.0mm (0.039") HDPE	1.0mm (0.039") HDPE
Use	Light Commercial & Residential	Light Commercial & Residential	Light Commercial & Residential	Light Commercial & Residential
Profile	Square Edge	Square Edge	Square Edge	Square Edge
Finish	Enhanced Ceramic Bead	Enhanced Ceramic Bead	Enhanced Ceramic Bead	Enhanced Ceramic Bead
Ultra-Fresh	Included in Finish and Pad	Included in Finish and Pad	Included in Finish and Pad	Included in Finish and Pad
Embossing(s)	Cross, Honed	Natural Timber	Natural Timber	Natural Timber, Sawcut
Pieces/Carton	7 pieces	8 pieces	8 pieces	9 pieces (3 pieces per size)
Coverage/Carton	24.89 Sq.Ft. (2.31 Sq.M.)	18.75 Sq.Ft. (1.74 Sq.M.)	19.8 Sq.Ft. (1.84 Sq.M.)	19.53 Sq.Ft. (1.81 Sq.M.)
Limited Warranty	Light Commercial - 5 Years Residential - Lifetime	Light Commercial - 5 Years Residential - Lifetime	Light Commercial - 5 Years Residential - Lifetime	Light Commercial - 5 Years Residential - Lifetime

STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: $\geq 0.45 \text{ W/cm}^2$	Passes Requirements ¹
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ²
ASTM D2047	Coefficient of Friction (Slip Resistance)	Not Applicable (No Official Requirements)	≥ 0.6 (Dry)
ASTM F970	Static Load	No Requirements if Wear Layer < 20mil	Not Applicable
SIM Test	Static Load Limit	Test to Limit (± 0.005 ")	≥ 500 psi
ASTM F2199	Dimensional Stability	$\leq 0.25\%$ / lineal ft.	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average $\Delta E < 8.0$	Surpasses Requirements
ASTM F1515	Resistance to Light	Average $\Delta E < 8.0$	Surpasses Requirements
ASTM G21	Antifungal Activity	Not Applicable (No Official Requirements)	Top: 0-1; Bottom: 0-1 ³
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823	Phthalates	Refer to CPSIA ⁴	Passes Requirements

STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 50	IIC 50	Δ IIC 24	All tested assemblies pass IBC ⁵ requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
8" Concrete Slab	STC 53	IIC 55	Not Applicable	
6" Concrete Slab with Drop-Ceiling	STC 59	IIC 65	Not Applicable	

- Notes**
- 1) ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code
 - 2) 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.
 - 3) ASTM G21 - Antifungal Activity: Top Surface (LVT Top Layer) and Bottom Surface (Pad) scored 0-1 (No Growth to <10% Growth)
 - 4) CPSIA = Consumer Product Safety Improvement Act
 - 5) IBC = International Building Code

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