



PHYSICAL PROPERTIES (FLOATING SOLID CORE FLOORING) - 5.0MM GAUGE / 8MIL WEAR LAYER

Collection	Plank	Tile
Size	7.5" x 47.6" (190mm x 1210mm)	12" x 23.82" (304.8mm x 605mm)
Overall Gauge	5.0mm (0.197")	5.0mm (0.197")
Wear Layer	8mil (0.2mm)	8mil (0.2mm)
Core	4.0mm (0.157") Solid Core	4.0mm (0.157") Solid Core
Pad	1.0mm (0.039") HDPE	1.0mm (0.039") HDPE
Use	Residential	Residential
Profile	Square Edge	Square Edge
Finish	Enhanced Ceramic Bead	Enhanced Ceramic Bead
Embossing(s)	Barnside, Natural Timber	Coral, Natural Timber, Satin
Coverage/Carton	10 pieces - 24.7 Sq.Ft. (2.3 Sq.M.)	10 pieces - 19.8 Sq.Ft. (1.84 Sq.M.)
Limited Warranty	Lifetime Residential	Lifetime 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" (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 (8mil Wear Layer)	≤0.005" (0.13mm), 250psi
SIM Test	Static Load Limit	Test to Limit (±0.005")	≥1,000psi

STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/cm ²	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)
REACH SVHC	(181) Substances of Very High Concern	Per Substance: ≤0.1% w/w (weight/weight)	Passes Requirements
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 51	ΔIIC 25	Tested assemblies pass IBC ⁵ requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
6" Concrete Slab with Drop-Ceiling	STC 62	IIC 65	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) IBC = International Building Code.