

PHYSICAL PROPERTIES & PACKAGING (DRYBACK - 2.0 MM / 0.15 MM)

Use	Light Commercial & Residential
Construction	Solid Vinyl Tile / LVT
Size	7" x 48" (177.8 x 1219.2 mm)
Thickness - Overall / Wear Layer	2.0 mm (0.080") / 0.15 mm (6 mil)
Profile	Square Edge
Finish	UV-Cured Polyurethane
Embossing	Real Grain
Coverage - Carton	22 Pieces/Carton (51.33 Sq.Ft. / 4.77 Sq.M.)
Coverage - Pallet	50 Cartons/Pallet (2,566.7 Sq.Ft. / 238.5 Sq.M.)
Coverage - Container	20 Pallets/Container (51,333 Sq.Ft. / 4,769 Sq.M.)
Limited Warranty	5-Year Light Commercial / 10-Year Residential

STANDARDS – MANUFACTURING & USAGE (ASTM F1700)

Standard	Description	Requirements	Results
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F1700	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements ¹
ASTM F1914	Residual Indentation	Average < 8%; Maximum ≤ 10%	Passes Requirements
ASTM F137	Flexibility	No cracks/breaks (1"/25.4 mm Mandrel)	Passes Requirements
ASTM F2199	Dimensional Stability	≤ 0.020"/Linear Foot	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

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): ≤ 2.0 kV
ASTM F970	Static Load Limit	N/A (No Official Requirements)	Limit (≤ 0.005"): ≥ 1,000 psi

NORTH AMERICAN STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 51	IIC 50	ΔIIC 22	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings; tested with underlayment pre-approved for use with Provident.
6" Concrete Slab + Drop-Ceiling	STC 61	IIC 66	Not Applicable	

Notes

- 1) ASTM F1700 - Physical Characteristics / Tolerances: Includes Size, Squareness, and Thickness.
- 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. Consult your building inspector / fire marshal to learn more.
- 4) CPSC-CH-C1001-09.3 - Phthalates: CPSIA = Consumer Product Safety Improvement Act.