

PHYSICAL PROPERTIES & PACKAGING (DRYBACK - 2.5 MM / 0.5 MM)

Use	Commercial & Residential
Construction	Solid Vinyl Tile / LVT
Size	4" x 48" (101.6 x 1219.2 mm) 5" x 48" (127 x 1219.2 mm) 9" x 48" (228.6 x 1219.2 mm)
Thickness - Overall / Wear Layer	2.5 mm (0.098") / 0.5 mm (20 mil)
Profile	Bevel Edge
Finish	FX3™ Surface Protectant with Ultra-Fresh
Embossing	In-Register
Coverage - Carton	18 Pieces/Carton - 6 Pieces per Size (36 Sq.Ft. / 3.34 Sq.M.)
Coverage - Pallet	56 Cartons/Pallet (2,016 Sq.Ft. / 187.3 Sq.M.)
Coverage - Container	20 Pallets/Container (40,320 Sq.Ft. / 3,746 Sq.M.)
Limited Warranty	15-Year Commercial / Lifetime Residential

NORTH AMERICAN 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

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
ASTM G21	Antifungal Activity	N/A (No Official Requirements)	Top: 0; Bottom: 0 (No Growth)
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 21	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings; product tested with Prevail® GDP (Glue-Down Pad).
6" Concrete Slab + Drop-Ceiling	STC 61	IIC 70	Not Applicable	

Notes

- 1) ASTM F1700 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, and Wear Layer Thickness (Commercial Class.).
- 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.

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