

PHYSICAL PROPERTIES & PACKAGING (DRYBACK - 2.5MM / 0.55 MM)

Collections	7.87" x 48.11" Plank	12" x 24" Tile	18" x 18" Tile
Use	Commercial & Residential	Commercial & Residential	Commercial & Residential
Size	200mm x 1222mm (7.87" x 48.11")	304.8mm x 609.6mm (12" x 24")	457.2mm x 457.2mm (18" x 18")
Mass per Unit Area	4.05kg/m ²	4.05kg/m ²	4.05kg/m ²
Thickness - Overall / Wear Layer	2.5mm (0.098") / 0.55mm (22mil)	2.5mm (0.098") / 0.55mm (22mil)	2.5mm (0.098") / 0.55mm (22mil)
Profile	Bevel	Bevel	Bevel
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing	Barnside	Coral, Honed	Honed
Coverage - Carton	12 Pieces/Carton (31.57 Sq.Ft. / 2.93 Sq.M.)	18 Pieces/Carton (36 Sq.Ft. / 3.34 Sq.M.)	16 Pieces/Carton (36 Sq.Ft. / 3.34 Sq.M.)
Coverage - Pallet	40 Cartons/Pallet (1,262.7 Sq.Ft. / 117.3 Sq.M.)	40 Cartons/Pallet (1,440 Sq.Ft. / 133.8 Sq.M.)	48 Cartons/Pallet (1,728 Sq.Ft. / 160.5 Sq.M.)
Coverage - Container	40 Pallets/Container (50,509.4 Sq.Ft. / 4,692.5 Sq.M.)	36 Pallets/Container (51,840 Sq.Ft. / 4,816.1 Sq.M.)	30 Pallets/Container (51,840 Sq.Ft. / 4,816.1 Sq.M.)
Limited Warranty	10-Year Commercial 15-Year Residential	10-Year Commercial 15-Year Residential	10-Year Commercial 15-Year 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%	Surpasses Requirements
ASTM F137	Flexibility	No cracks/breaks (1"/25.4mm Mandrel)	Surpasses Requirements
ASTM F2199	Dimensional Stability	≤0.020"/Linear Foot	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

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

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.