

### 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 <sup>2</sup>	4.05kg/m <sup>2</sup>	4.05kg/m <sup>2</sup>
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	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles
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 <sup>1</sup>
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 <sup>2</sup>
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements <sup>3</sup>
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 <sup>4</sup> : ≤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.

ELEMENTAL

LVT DRYBACK FLOORING

BY ASPECTA

**TECHNICAL DATA SHEET**

4) CPSC-CH-C1001-09.3 - Phthalates: CPSIA = Consumer Product Safety Improvement Act.