



ADLETA GRANDSTAND LVT TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (LOOSE-LAY LUXURY VINYL TILE FLOORING - 5.0 MM / 0.5 MM)

PRODUCT	GRANDSTAND PLANK	GRANDSTAND XL	GRANDSTAND TILE
USE	Commercial & residential	Commercial & residential	Commercial & residential
SIZE	7 x 48 inch (177.8 x 1219.2 mm)	9 x 60 inch (228.6 x 1524 mm)	18 x 36 inch (457.2 x 914.4 mm)
THICKNESS - OVERALL	5.0 mm (0.197 in)	5.0 mm (0.197 in)	5.0 mm (0.197 in)
THICKNESS - WEAR LAYER	0.5 mm (20 mil)	0.5 mm (20 mil)	0.5 mm (20 mil)
PROFILE	Micro-bevel edge	Micro-bevel edge	Micro-bevel edge
FINISH	UV-cured PU with ceramic bead particles	UV-cured PU with ceramic bead particles	UV-cured PU with ceramic bead particles
EMBOSSING	Overall	Overall	Overall
COVERAGE - CARTON	10 piece/carton (23.33 sq.ft / 2.168 sq.m)	6 piece/carton (22.5 sq.ft / 2.09 sq.m)	6 piece/carton (27 Sq.ft / 2.508 sq.m)
COVERAGE - PALLET	50 carton/pallet (1,167 sq.ft / 108.4 sq.m)	64 carton/pallet (1,440 sq.ft / 133.8 sq.m)	50 carton/pallet (1,350 sq.ft / 125.4 sq.m)
COVERAGE - CONTAINER	20 pallet/container (23,333 sq.ft / 2,168 sq.m)	14 pallet/container (20,160 sq.ft / 1,873 sq.m)	18 pallet/container (24,300 sq.ft / 2,258 sq.m)
LIMITED WARRANTY	15-year commercial, 25-year residential	15-year commercial, 25-year residential	15-year commercial, 25-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 or breaks, 1-in (25.4-mm) mandrel	Passes requirements
ASTM F2199	Dimensional Stability	≤ 0.020 in/lin.ft (0.51 mm/305 mm)	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-C1001-09.4	Ortho-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	N/A (no official requirements)	0.005 in, 500 psi

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, 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) CPSIA = Consumer Product Safety Improvement Act.