



VERGE

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (DRYBACK RESILIENT FLOORING) - 2.0MM GAUGE / 8MIL WEAR LAYER

Collection	Verge Plank
Construction	Solid Vinyl Tile/LVT
Size	6" x 48" (152.4mm x 1219.2mm)
Gauge	2.0mm (0.080")
Wear Layer	8mil (0.2mm)
Use	Light Commercial & Residential
Profile	Square Edge
Finish	Urethane with Ceramic Bead Particles
Embossing(s)	Barnside
Coverage/Carton	18 pieces - 36 Sq.Ft. (3.34 Sq.M.)
Coverage/Pallet	36 cartons - 1,296 Sq.Ft. (120.4 Sq.M.)
Limited Warranty	Light Commercial - 10 Years Residential - Lifetime

STANDARDS – MANUFACTURING & USAGE (ASTM F1700)

Standard	Description	Requirements	Results
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F386	Thickness	Tolerance: $\pm 0.005"$ vs. Nominal	Passes Requirements
ASTM F2421	Size & Squareness	Size, Tolerance: $\pm 0.016"/$ Linear Foot vs. Nominal Squareness: $\leq 0.010"$	Passes Requirements
ASTM F1914	Residual Indentation	Average $< 8\%$ Maximum - Any Sample $\leq 10\%$	Surpasses Requirements
ASTM F137	Flexibility	No cracks/breaks (1"/25.4mm Mandrel)	Surpasses Requirements
ASTM F2199	Dimensional Stability	$\leq 0.020"/$ Linear Foot	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average $\Delta E < 8.0$	Surpasses Requirements
ASTM F1515	Resistance to Light	Average $\Delta E < 8.0$	Surpasses Requirements

STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: $\geq 0.45 \text{ W/cm}^2$	Passes Requirements ¹
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ²
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823	Phthalates	Refer to CPSIA ³	Passes Requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	≥ 0.6 (Dry)
ASTM F970	Static Load	$\pm 0.005"$, 250-Lbs. Load	Passes Requirements
SIM Test	Static Load Limit	Test to Limit ($\pm 0.005"$)	≥ 750 psi

CERTIFICATIONS

Standard	Description
FloorScore®	This product is FloorScore® Certified (Certificate #SCS-FS-02874) and has thus been found to comply with the volatile organic compound emissions criteria of the California Section 01350 standard.

Notes

- 1) ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
- 2) 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.
- 3) ASTM D7823 - Phthalates: CPSIA = Consumer Product Safety Improvement Act.