

PHYSICAL PROPERTIES & PACKAGING

Construction	Solid Vinyl Tile / LVT
Product Classification (ASTM F1700)	Class III, Type B
Use	Commercial & Residential
Size	18" x 18" (457.2mm x 457.2mm)
Wear Layer	20 mil (0.5mm)
Finish	Urethane Coating with Ceramic Bead Particles
Gauge	0.118" (3.0mm)
Pieces/Carton	16
Coverage/Piece	2.25 Sq.Ft. (0.209 Sq.M.)
Coverage/Carton	36 Sq.Ft. (3.344 Sq.M.)
Coverage/Pallet	44 Cartons (1,584 Sq.Ft. / 147.158 Sq.M.)
Coverage/Container	20 Pallets (31,680 Sq.Ft. / 2,943.17 Sq.M.)
Limited Warranty	15-Year Commercial / Lifetime Residential

ASTM F1700 STANDARDS

Standard	Description	Requirements	Results
ASTM F386	Thickness	±0.005"	Passes Requirements
ASTM F410	Wear Layer Thickness	Commercial: ≥ 20mil (0.5mm)	Passes Requirements
ASTM F2055	Size & Squareness	Size: ±0.016" / Linear Foot Squareness: ≤0.010"	Passes Requirements
ASTM F1914	Residual Indentation	Average ≤ 8%; Any Sample ≤ 10%	Exceeds Requirements
ASTM F137	Flexibility	No cracks/breaks (1"/25.4mm Mandrel)	Exceeds Requirements
ASTM F2199	Dimensional Stability	≤0.020" / Linear Foot	Exceeds Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Exceeds Requirements
ASTM F1514	Resistance to Heat	Average ΔE ≤ 8.0	Exceeds Requirements
ASTM F1515	Resistance to Light	Average ΔE ≤ 8.0	Exceeds Requirements

SUPPLEMENTARY STANDARDS

Standard	Description	Requirements	Results
ASTM F970	Static Load Limit	±0.005", 250-Lbs. Load	≥1,000 lbs. (Exceeds)
ASTM E648	Radiant Panel (Critical Radiant Flux)	Class I: ≥ 0.45 W/cm ²	Passes Requirements
ASTM E662	Smoke Density	Flaming & Non-Flaming: ≤ 450	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D2047	Coefficient of Friction (Slip Resistance)	N/A	≥0.6
ASTM D4060	Abrasion Resistance	N/A	Average: 20,000 cycles*

*ASTM D4060 (Abrasion Resistance) – Results vary with Metroflor® collection and/or emboss

SOUND STANDARDS

Standard	Description	Requirements	Results**
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss	Sound Transmission Class (STC) ≥ 50	STC 66 (Exceeds)
ASTM E492 & ASTM E989	Impact Sound Transmission (Floor-Ceiling Assemblies)	Impact Insulation Class (IIC) ≥ 50	IIC 70 (Exceeds)

**Tested with Prevail™ GDP (Glue-Down Pad) Over 6" Concrete Slab with Drop-Ceiling Assembly

SUSTAINABILITY

Standard(s)	Description
FloorScore® CHPS 01350 LEED EQ 4.3	This product is FloorScore® Certified (SCS-FS-01967) and has thus been found to comply with the volatile organic compound emissions criteria of the California Section 01350 standard. FloorScore® Certification can also be used as an alternative path to obtaining LEED EQ 4.3 credit.