



American Plank & Tile TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (DRYBACK - 0.080" GAUGE / 6 MIL WEAR LAYER)

Size	Plank - 6" x 36" (152.4mm x 914.4mm)	Tile - 18" x 18" (457.2mm x 457.2mm)
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Use	Light Commercial & Residential	Light Commercial & Residential
Wear Layer	6 mil (0.15mm)	6 mil (0.15mm)
Edge Detail	Square Edge	Square Edge
Finish	Vinyl	Vinyl
Gauge	0.080" (2.0mm)	0.080" (2.0mm)
Pieces/Carton	24	16
Coverage/Piece	1.5 Sq.Ft. (0.139 Sq.M.)	2.25 Sq.Ft. (0.209 Sq.M.)
Coverage/Carton	36 Sq.Ft. (3.344 Sq.M.)	36 Sq.Ft. (3.344 Sq.M.)
Coverage/Pallet	66 Cartons (2,376 Sq.Ft. / 220.738 Sq.M.)	72 Cartons (2,592 Sq.Ft. / 240.805 Sq.M.)
Coverage/Container	20 Pallets (47,520 Sq.Ft. / 4,414.75 Sq.M.)	20 Pallets (51,840 Sq.Ft. / 4,816.09 Sq.M.)
Limited Warranty	5-Year Light Commercial / 10-Year Residential	5-Year Light Commercial / 10-Year Residential

NORTH AMERICAN STANDARDS – MANUFACTURING & USAGE (ASTM F1700)

Standard	Description	Requirements	Results
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F386	Thickness	±0.005"	Passes Requirements
ASTM F2421/ ASTM F2055	Size & Squareness	Size: ±0.016"/Linear Foot; Squareness: ≤0.010"	Passes Requirements
ASTM F1914	Residual Indentation	Average <8%; Maximum – Any Sample ≤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 & Max ΔE < 8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average & Max ΔE < 8.0	Surpasses Requirements

NORTH AMERICAN STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
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 (Dry)
ASTM F970	Static Load	±0.005", 250-Lbs. Load	Passes Requirements
N/A	Static Load Limit	N/A	≥1,000 lbs.

NORTH AMERICAN STANDARDS – SOUND (Tested with Prevail® Glue-Down Pad Over 6" Concrete Slab with Drop-Ceiling Assembly)

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

NORTH AMERICAN STANDARDS – SUSTAINABILITY

Standard	Description
FloorScore® CHPS 01350 LEED EQ 4.3	This product is FloorScore® Certified (SCS-FS-03168) 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.