

PRODUCT SPEC PAGE

American Personality 12

Luxury Flooring

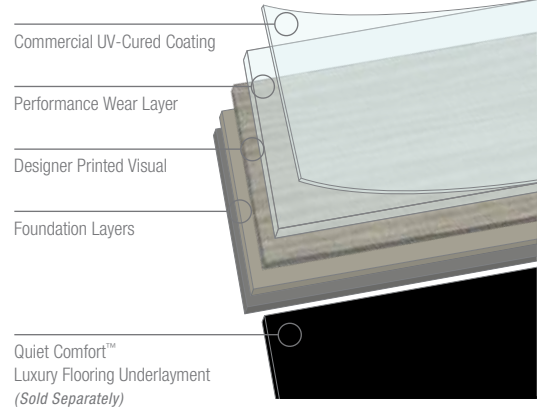
Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Solid Vinyl Tile (a.k.a. Luxury Vinyl Tile - LVT)	American Personality 12	ASTM F 1700, Class III, Type B embossed surface	0.080 in. (2.0 mm) 0.012 in. (0.3 mm)	UV-cured Polyurethane	Full Spread Adhesives: S-599 ChoiceStrong™, S-288 Premium, S-289 Releasable & Permanent, S-310 Roll Strong™, S-543 High-Moisture, Flip® Spray, S-240 Epoxy Adhesive	No Polish – No Buff, No Polish – Spray Buff, Polish

Packaging

Tile Sizes	Tiles per Carton/Coverage	Shipping Weight per Carton
6.5 in. X 48 in. (165 mm X 1219 mm)	16 (34.66 sq. ft.) (3.22 m ²)	24.6 lbs. (11.15 kg)

Product Structure



Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F 1700	Thickness	ASTM F 386	Nominal ± 0.005 in.	Meets
	Size	ASTM F 2421	± 0.016 in. per linear foot	Meets
	Squareness	ASTM F 2421	0.010 in. maximum	Meets
	Flexibility	ASTM F 137	≤ 1.0 in. diameter, no cracks or breaks	Meets
	Dimensional Stability	ASTM F 2199	≤ 0.020 in. per linear foot	Meets
	Chemical Resistance	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets
	Resistance to Heat	ASTM F 1514	ΔE < 8	Meets
	Resistance to Light	ASTM F 1515	ΔE < 8	Meets
Additional Testing	Static Load Limit	ASTM F 970	≤ 0.005 in.	250 psi
	Fire Test Data – Flame Spread	ASTM E 648	0.45 w/cm ² or more Class I	Meets
	Fire Test Data – Smoke Evolution	ASTM E 662	450 or less	Meets
	Fire Test Data – Canada	CAN\ULC S102.2	Use dependent	Flame Spread - 50 Smoke Developed - 105
	ADA Standards for Accessible Design	Chapter 3 Section 302.1	Floor surfaces shall be stable, firm and slip resistant	Meets
	Static Coefficient of Friction*	ASTM D2047 / UL 410	≥0.5	Meets

* Using the James Machine as described in ASTM D2047 and as directed in UL 410 for floor covering materials (FCM) using a leather foot under dry conditions. The application of site-applied floor sealers, polishes and other types of finishes routinely used to maintain resilient flooring materials will change the walking surface and consequently the SCOF value.

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Sustainability and Well-Being

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material - Flooring	CDPH v1.2 (2017) a.k.a CHPS 01350	FloorScore/SCS
Environmental Product Declaration (EPD)	ISO 14025	Yes/ASTM International
Low Emitting Material – Adhesive (S-599, S-288, S-289, S-310, S-543, S-240)	CDPH v1.1 (2017) a.k.a CHPS 01350	FloorScore/SCS

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.2 (2017) a.k.a CHPS 01350	<0.5 mg/m ³	Meets
Low Emitting Adhesives S-599 ChoiceStrong™ S-288 Premium S-289 Releasable & Permanent S-310 RollStrong™ S-543 High-Moisture Flip® Spray S-240 Epoxy	FloorScore®/SCAQMD	Less than 50 g/L	S-599 Exceeds – 14 g/L S-288 Exceeds – 14 g/L S-289 Exceeds – 0 g/L S-310 Exceeds – 0 g/L S-543 Exceeds – 0 g/L Flip® Exceeds -0 g/L S-240 Exceeds – 10 g/L
Material Ingredients/Transparency	LEED v4 (Option 1) WELL™ Feature 97	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)
Fundamental Material Safety Toxic Materials Reduction	WELL™ Feature 11 and 25	No asbestos, free of lead and phthalates (DEHP, DBP, BBP, DIDP, DNOP)	Meets
Sourcing of Raw Materials	LEED v4	Extended Producer Responsibility	Meets - See Armstrong On & On™ Floor Recycling Program

Limited Warranty

7-year Commercial Warranty when installed in strict accordance with the Armstrong Flooring Guaranteed Installations Systems manual (F-5061).

ArmstrongFlooring.com/commercial | 1 888 276 7876



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