PRODUCT SPEC PAGE

NATURAL CREATIONS® Classics
Luxury Flooring

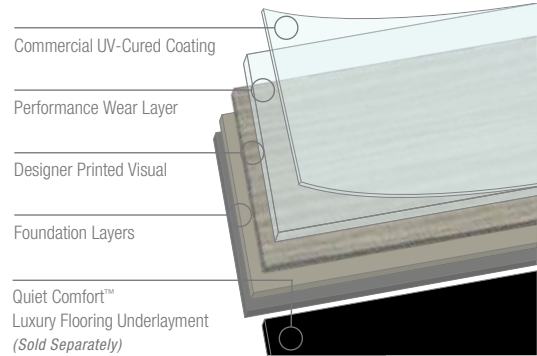## Product Information

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)	Classics	ASTM F 1700, Class III, Type B embossed surface	0.125 in. (3.2 mm) 0.020 in. (0.5 mm)	UV-cured Polyurethane	Full Spread Adhesives: S-288 Premium, S-543 High-Moisture, S-240 Epoxy, S-310 Roll Strong™	No Polish – No Buff, No Polish – Spray Buff, Polish

Packaging

Tile Sizes	Tiles per Carton/ Coverage	Shipping Weight per Carton
4 in. X 36 in. (101.6 mm X 914.4 mm)	44 – 44 ft² (4.09 m²)	52.52 lbs./carton (23.87 kg)
6 in. X 36 in. (152.4 mm X 914.4 mm)	30 – 45 ft² (4.18 m²)	53.75 lbs./carton (24.43 kg)
6 in. X 48 in. (152.4 mm X 1219.2 mm)	22 – 44 ft² (4.09 m²)	51.62 lbs./carton (23.47 kg)
8 in. X 36 in. (203.2 mm X 914.4 mm)	22 – 44 ft² (4.09 m²)	51.64 lbs./carton (23.47 kg)
9 in. X 48 in. (228.6 mm X 1219.2 mm)	14 – 42 ft² (3.90 m²)	49.26 lbs./carton (22.39 kg)
16 in X 16 in. (406.4 mm X 406.4 mm)	25 – 44 ft² (4.09 m²)	52.75 lbs./carton (23.70 kg)
12 in. X 24 in. (304.8 mm X 609.6 mm)	22 – 44 ft² (4.09 m²)	51.64 lbs./carton (23.47 kg)
18 in. X 18 in. (457.2 mm X 457.2 mm)	20 – 45 ft² (4.18 m²)	52.80 lbs./carton (24.00 kg)
18 in. X 36 in. (457.2 mm X 914.4 mm)	10 – 45 ft² (4.18 m²)	52.80 lbs./carton (24.00 kg)

Product Structure

- Commercial UV-Cured Coating
- Performance Wear Layer
- Designer Printed Visual
- Foundation Layers
- Quiet Comfort™ Luxury Flooring Underlayment *(Sold Separately)*

Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F 1700	Thickness	ASTM F 386	Nominal ± 0.005 in.	Meets
	Wear Layer Thickness	ASTM F 410	0.020 in. (0.5 mm) minimum for Commercial Use	Meets
	Size	ASTM F 2421	± 0.016 in. per linear foot	Meets
	Squareness	ASTM F 2421	0.010 in. maximum	Meets
	Residual Indentation	ASTM F 1914	Average less than 8%.	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
	Heat Resistance	ASTM F 1514	ΔE < 8	Meets
	Light Resistance	ASTM F 1515	ΔE < 8	Meets
	Static Load Resistance @ 250 psi	ASTM F 970	≤.005	Meets
Additional Testing	Static Load Resistance	ASTM F 970*	≤.0.005	2000 psi
	Fire Test Data – Flame Spread	ASTM E 648	0.45 w/cm² 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 - 90 Smoke Developed - 385
	Acoustics	ASTM E 2179	Sound transmission reduction	Meets - Delta IIC (ΔIIC) - 11
	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

*Testing at loads above 250 psi is outside the scope of the test method. Since testing is conducted on uninstalled flooring, results do not consider the performance of the adhesive, underlayment, or subfloor. These test results are not an indicator of the installed flooring system performance. **Using the James Machine as described in 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

Certification Attribute	Standard	3rd party Certification/Certifier
Low Emitting Material	CDPH v1.2 (2017) a.k.a CHPS 01350	FloorScore/SCS
Environmental Product Declaration (Product Specific EPD)	ISO 14025	Yes/ASTM International
Plant Certifications	ISO 14001	Environmental Management System

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH vl.2 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesives S-288 S-240 S-310 Roll Strong™ S-543	FloorScore®/SCAQMD	Less than 50 g/L	S-288 Exceeds - 14 g/L S-240 Exceeds - 10 g/L S-310 Roll Strong™ Exceeds - 0 g/L S-543 Exceeds - 0 g/L
Recycled Content	ISO 14021	Contains recycled content	29% pre-consumer recycled content
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
Acoustics	ASTM E2179	Sound transmission reduction	Meets - Delta IIC (ΔIIC) - 11

Limited Warranty

20-year Commercial Warranty when installed in accordance with the current edition of the Armstrong Flooring Guaranteed Installation Systems manual, F-5061.

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