

## PRODUCT SPEC PAGE

### NATURAL CREATIONS® Classics

#### Luxury Flooring

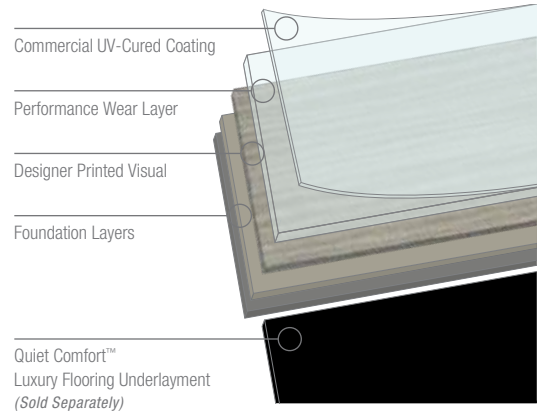
#### Product Information

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 ft <sup>2</sup> (4.09 m <sup>2</sup> )	52.52 lbs./carton (23.87 kg)
6 in. X 36 in. (152.4 mm X 914.4 mm)	30 – 45 ft <sup>2</sup> (4.18 m <sup>2</sup> )	53.75 lbs./carton (24.43 kg)
6 in. X 48 in. (152.4 mm X 1219.2 mm)	22 – 44 ft <sup>2</sup> (4.09 m <sup>2</sup> )	51.62 lbs./carton (23.47 kg)
8 in. X 36 in. (203.2 mm X 914.4 mm)	22 – 44 ft <sup>2</sup> (4.09 m <sup>2</sup> )	51.64 lbs./carton (23.47 kg)
9 in. X 48 in. (228.6 mm X 1219.2 mm)	14 – 42 ft <sup>2</sup> (3.90 m <sup>2</sup> )	49.26 lbs./carton (22.39 kg)
16 in. X 16 in. (406.4 mm X 406.4 mm)	25 – 44 ft <sup>2</sup> (4.09 m <sup>2</sup> )	52.75 lbs./carton (23.70 kg)
12 in. X 24 in. (304.8 mm X 609.6 mm)	22 – 44 ft <sup>2</sup> (4.09 m <sup>2</sup> )	51.64 lbs./carton (23.47 kg)
18 in. X 18 in. (457.2 mm X 457.2 mm)	20 – 45 ft <sup>2</sup> (4.18 m <sup>2</sup> )	52.80 lbs./carton (24.00 kg)
18 in. X 36 in. (457.2 mm X 914.4 mm)	10 – 45 ft <sup>2</sup> (4.18 m <sup>2</sup> )	52.80 lbs./carton (24.00 kg)

#### Product Structure



#### 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
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 <sup>2</sup> 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

\* 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 v1.2 (2017) a.k.a CHPS 01350	<0.5 mg/m <sup>3</sup>	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 (IIC) - 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.

### Links

Product Transparency	<a href="http://www.ArmstrongFlooring.com/transparency">www.ArmstrongFlooring.com/transparency</a>
Email Techline	<a href="http://www.ArmstrongFlooring.com/flooring-techline">www.ArmstrongFlooring.com/flooring-techline</a>
Visit Floor Expert	<a href="http://www.floorexpert.com">www.floorexpert.com</a>
Installation Instructions	<a href="http://www.ArmstrongFlooring.com/flooring-downloads">www.ArmstrongFlooring.com/flooring-downloads</a>
Maintenance Instructions	<a href="http://www.ArmstrongFlooring.com/flooring-downloads">www.ArmstrongFlooring.com/flooring-downloads</a>
View Full Line	<a href="http://www.ArmstrongFlooring.com/lvt">www.ArmstrongFlooring.com/lvt</a>

