Inspiring Great Spaces®

Armstrong® FLOORING

PRODUCT SPEC PAGE

NATURAL CREATIONS® with I-Set® Installation System
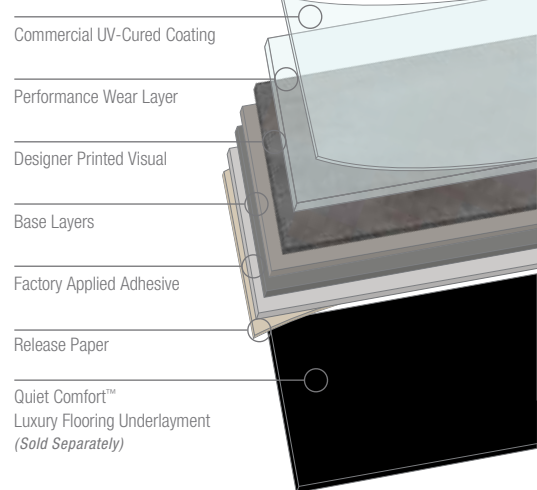Luxury Flooring

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)	Natural Creations with the I-Set Installation System ArborArt, EarthCuts, Mystix	ASTM F 1700, Class III, Type B embossed surface	0.160 in. (4.0 mm) 0.020 in. (0.5 mm)	UV-cured Polyurethane	I-Set Installation System No adhesive required*	No Polish – No Buff, No Polish – Spray Buff, or traditional Polish

Product can be installed with S-288 or S-240 Adhesives. In limited applications, the use of S-288/S-240 is recommended.

Packaging

Tile Sizes	Tiles per Carton/ Coverage	Shipping Weight per Carton
12 in. x 24 in. (305 mm x 610 mm)	18 – 36 ft² (3,34 m²)	55.89 lbs./carton (25.40 kg)
18 in. x 18 in. (457 mm x 457 mm)	16 – 36 ft² (3,34 m²)	55.89 lbs./carton (25.40 kg)
18 in. x 36 in. (457 mm x 914 mm)	8 – 36 ft² (3,34 m²)	55.89 lbs./carton (25.40 kg)
4 in. x 36 in. (102 mm x 914 mm)	24 – 24 ft² (2,23 m²)	36.48 lbs./carton (16.58 kg)
6 in. x 36 in. (152 mm x 914 mm)	24 – 36 ft² (3,34 m²)	55.89 lbs./carton (25.40 kg)
8 in. x 36 in. (203 mm x 914 mm)	18 – 36 ft² (3,34 m²)	55.89 lbs./carton (25.40 kg)
9 in. x 48 in. (229 mm x 1219 mm)	12 – 36 ft² (3,34 m²)	55.89 lbs./carton (25.40 kg)

Product Structure

- Commercial UV-Cured Coating
- Performance Wear Layer
- Designer Printed Visual
- Base Layers
- Factory Applied Adhesive
- Release Paper
- 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 2055	± 0.016 in. per linear foot	Meets
	Squareness	ASTM F 2055	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
	Resistance to Heat	ASTM F 1514	$\Delta E < 8$	Meets
	Resistance Light	ASTM F 1515	$\Delta E < 8$	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/cm² or more Class I	Meets
	Fire Test Data – Smoke Evolution	ASTM E 662	450 or less	Meets

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Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low Emitting Material	CDPH v1.1 (2017) a.k.a CHPS 01350	FlorScore/SCS
Environmental Product Declaration (EPD)	ISO 14025	Yes/ASTM International
Plant Certifications	ISO 14001	Environmental Management System

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH vl.1 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesives S-288* S-240	SCAQMD; FloorScore®	Less than 50 g/L	S-288 Exceeds - 14 g/L S-240 Exceeds - 10 g/L
Material Ingredients (Option 1)	LEED v4	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)

* S-288 Adhesive is Cradle to Cradle Gold certified.

Limited Warranty

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

Links

Product Transparency	www.ArmstrongFlooring.com/transparency
Email Techline	www.ArmstrongFlooring.com/flooring-techline
Visit Floor Expert	www.floorexpert.com
Installation Instructions	www.ArmstrongFlooring.com/flooring-downloads
Maintenance Instructions	www.ArmstrongFlooring.com/flooring-downloads
View Full Line	www.ArmstrongFlooring.com/lvt