

PRODUCT SPEC PAGE

Premium Excelon® Flooring Feature™ Tile & Strips

Vinyl Composition Tile (VCT)

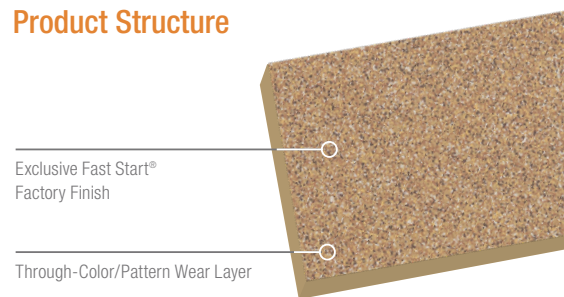
Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Vinyl Composition Tile	Feature™ Tile & Strips	ASTM F1066 – Class 1 Solid Tile ISO 10595 – Type I	1/8 in. (3.2 mm) 1/8 in. (3.2 mm)	Fast Start®	Full Spread Adhesives: S-515, S-525, S-700, S-750, S-240 and Flip® Spray Adhesive	Polish

Packaging

Tile / Strip Sizes	Tiles per Carton / Coverage	Shipping Weight per Carton
12 in. x 12 in. (305 mm x 305 mm)	12 in. x 12 in. – 45 (45 sq. ft.)	12 in. x 12 in. – 63 lbs. (28.6 kg)
2 in. x 24 in. (50.8 mm x 610 mm)	2 in. x 24 in. – 24 (8 sq. ft.)	2 in. x 24 in. – 11 lbs. (4.99 kg)
4 in. x 24 in. (101.6 mm x 610 mm)	4 in. x 24 in. – 100 (66.7 sq. ft.)	4 in. x 24 in. – 88 lbs. (39.9 kg)
6 in. x 24 in. (152.4 mm x 610 mm)	6 in. x 24 in. – 50 (50 sq. ft.)	6 in. x 24 in. – 68 lbs. (30.8 kg)

Product Structure



Testing

	Performance	Test Method	Requirement	Performance vs. Requirement	
ASTM F2034	Thickness	ASTM F386	Nominal ± 0.005 in.	Meets	
	Size	ASTM F2055	± 0.016 in. per linear foot	Meets	
	Squareness	ASTM F2055	0.010 in. max	Meets	
	Indentation – One Minute	ASTM F1914	≥ 0.006 in. to ≤ 0.015 in.	Meets	
	Indentation @ 115°F	ASTM F1914	< 0.032 in.	Meets	
	Impact	ASTM F1265	No cracks beyond limit	Meets	
	Deflection	ASTM F1304	1.0 in. minimum	Meets	
	Dimensional Stability	ASTM F2199	≤ 0.024 in. per linear foot max.	Meets	
	Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets	
	Resistance Heat	ASTM F1514	ΔE not greater than 8.0	Meets	
Additional Testing	Static Load Limit	ASTM F970	≤ 0.005 in.	125 psi	
	Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm² or more Class I	Meets	
	Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets	
	Fire Test Data – Canada	CAN/ULC S-102.2	Use dependent	Flame Spread – 0 Smoke Developed – 30	
	Maritime Usage		IMO Res A.653 (16)		Passes
			Surface Flammability IMO MSC 61(67) Annex 1 Part 5 and Annex 2		Passes
			Smoke and Toxicity IMO MSC 61(67) Annex 1 Part 2 and Annex 2		
			Safety of Life at Sea (SOLAS)		Compliant
			United States Coast Guard		Approved

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Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material	CDPH v1.1 (2017) a.k.a CHPS 01350	FloorScore®/SCS
Environmental Product Declaration (EPD)	ISO 14025	Yes/ASTM International
Plant Quality	ISO 9001	Yes/SAI Global

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.1 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesives* (S-515, S-525, S-700, S-750, S-240, Flip® Spray Adhesive**)	SCAQMD Rule #1168	Less than 50 g/L	S-515 Exceeds – 0 g/L S-525 Exceeds – 16 g/L S-700 Exceeds – 0 g/L S-750 Exceeds – 5 g/L S-240 Exceeds – 10 g/L Flip® Exceeds – 0 g/L
Material Ingredients (Option 1)	LEED® v4	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)
Recycled Content	ISO 14021	Contains recycled content	Meets – 40% Pre-consumer

* All adhesives are FloorScore® certified.
** Flip® Spray Adhesive is Cradle to Cradle™ Silver certified.

Limited Warranty

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

