

PRODUCT SPEC PAGE

PREMIUM EXCELON® Crown Texture™ | Raffia™ | ChromaSpin™ | Stonetex® | Companion Square®
Vinyl Composition Tile (VCT)

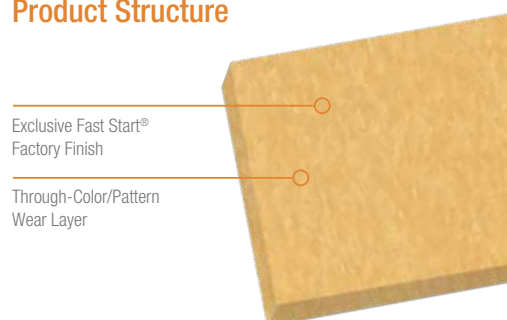
Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Vinyl Composition Tile	Crown Texture™ Raffia™ ChromaSpin™ Stonetex® Companion Square®	ASTM F1066 - Class 2 Through Pattern ISO 10595 Type II	1/8 in. (3.2 mm)	Fast Start®	Full Spread Adhesives S-515, S-525, S-700, S-750 & S-240, Flip® Spray Adhesive	Polish

Packaging

Tile Size	Tile per Carton/Coverage	Shipping Weight per Carton
Crown Texture, ChromaSpin, Stonetex, Companion Square 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)
Stonetex Only 18 in. X 18 in. (457 mm x 457 mm)	18 in. X 18 in. - 20 (45 sq. ft.)	18 in. X 18 in. 64 lbs. (29 kg)
Raffia Only 12 in. X 24 in. (305 mm x 610 mm)	12 in. X 24 in. - 22 (44 sq. ft.)	12 in. X 24 in. 61 lbs. (27.7 kg)

Product Structure



Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F 1066	Thickness	ASTM F 386	Nominal \pm 0.005 in.	Meets
	Size	ASTM F 2055	\pm 0.016 in. per linear foot	Meets
	Squareness	ASTM F 2055	0.010 in. max	Meets
	Indentation – One Minute	ASTM F 1914	\geq 0.006 in. to \leq 0.015 in.	Meets
	Indentation @ 115°F	ASTM F 1914	< 0.032 in.	Meets
	Impact	ASTM F 1265	No cracks beyond limit	Meets
	Deflection	ASTM F 1304	1.0 in. minimum	Meets
	Dimensional Stability	ASTM F 2199	\leq 0.024 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 not greater than 8.0	Meets
Additional	Static Load Resistance	ASTM F 970	\leq 0.005 in.	125 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 - 0 Smoke Developed - 30

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Maritime Usage

IMO Resolution A653 (16) Surface Flammability Test - IMO Resolution MSC 61(67) Annex 1 Part 5 and Annex 2 Smoke and Toxicity Test - IMO Resolution MSC 61(67) Annex 1 Part 2 and Annex 2	Passes Passes
Safety Of Life at Sea (SOLAS) 1974 Regulation II-2/3.40.5.3.2.4 II-2/5.3.2.4 II-2/6.2	Compliant
United States Coast Guard	Approved

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	Requirement	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 Product Declaration)
Recycled Content	ISO 14021	Contains recycled content	Meets: 35% Total - ChromaSpin™, (10% Post-Consumer and 25% Pre-Consumer) 29% Pre-Consumer - Raffia™, Stonetex® 18% Pre-Consumer - Crown Texture™, Companion Square®

* Flip® Spray Adhesive is Cradle to Cradle Silver certified.

Limited Warranty

5-year Commercial Warranty when installed in accordance with Armstrong's Guaranteed Installation Systems manual, F-5061.

Links

Installation Instructions	www.ArmstrongFlooring.com/flooring-downloads
Maintenance Information	www.ArmstrongFlooring.com/flooring-downloads
View the Full Line	www.Armstrong.com/commflooringna/products/vct
Product Transparency	www.ArmstrongFlooring.com/transparency
Email Techline	www.ArmstrongFlooring.com/flooring-techline
Visit Floor Expert	www.floorexpert.com