

PRODUCT SPEC PAGE



PREMIUM EXCELON® Raffia® Stream™ with Diamond 10® Technology Coating

Vinyl Composition Tile (VCT)

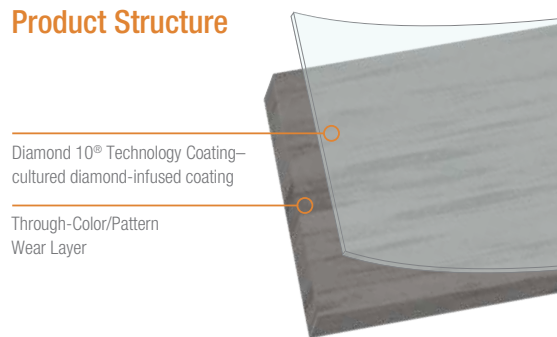
Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Vinyl Composition Tile	Raffia® Stream™	ASTM F1066 - Class 2 Through Pattern	1/8 in. (3.2 mm)	Diamond 10® Technology Coating	Full Spread Adhesives S-515 Tile Strong™, S-525, S-700, S-750 & Flip® Spray Adhesive	No Polish-No Buff No Polish –Spray Buff Polish

Packaging

Tile Size	Tile per Carton/Coverage	Shipping Weight per Carton
12 in. x 24 in. (305 mm x 610 mm)	22 - 44 ft ² (4.08 m ²)	Approx. 63 lbs./carton (28.6 kg)

Product Structure



Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F 1066	Thickness	ASTM F 386	Nominal ± 0.005 in.	Meets
	Size	ASTM F 2055	± 0.016 in. per linear foot	Meets
	Squareness	ASTM F 2055	0.010 in. max	Meets
	Indentation – One Minute	ASTM F 1914	≥ 0.006 in. to ≤ 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	≤ 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
	Static Load Resistance	ASTM F 970	≤ 0.005 in.	125 psi
	Fire Test Data – Flame Spread	ASTM E 648	0.45 W/cm ² or more Class I	Meets
	Additional	Fire Test Data – Smoke Evolution	ASTM E 662	450 or less
Fire Test Data – Canada		CANULC S102.2	Use dependent	Flame Spread - 0 Smoke Developed - 5
ADA Standards for Accessible Design		ADA Standards for Accessible Design	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 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 v1.1 (2017) a.k.a CHPS 01350	FloorScore/SCS
Environmental Product Declaration (EPD)	ISO 14025	Yes/ASTM International
Low-Emitting Adhesives (S-515, S-525, S-700, S-750, Flip® Spray Adhesive)	CDPH v1.1 (2010) a.k.a CHPS 01350	FloorScore/SCS

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 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 Flip® Exceeds – 0 g/L
Material Ingredients/Transparency	LEED v4 (Option 1) WELL™ Feature 97	Content disclosure to 1000 ppm	Meets (See Armstrong 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
Recycled Content	ISO 14021	Contains recycled content	Meets - 30% Pre-Consumer
Sourcing of Raw Materials	LEED v4	Extended Producer Responsibility	Meets- See Armstrong On & On™ Floor Recycling Program

Limited Warranty

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

ArmstrongFlooring.com/commercial | 1 888 276 7876



F10172-1118
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