

PRODUCT SPEC PAGE

Safety Zone™ Tile Slip-Retardant Flooring

Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Vinyl Composition Tile	Safety Zone™ Tile	ASTM F1066 Class 2 – Through Pattern	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
12 in. x 12 in. (305 mm x 305 mm)	45	45.0 sq. ft. (4.18 sq. meters)	61 lbs. (27.7 kg) per carton

Product Structure

Exclusive Textured, Particle-Enhanced Surface

Through-Pattern Wear Layer

Testing

	Performance	Test Method	Minimum 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 max.	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
Additional Testing	Static Load Resistance @ 125 psi	ASTM F 970	≤ 0.005 in.	Meets
	Static Load Resistance	ASTM F 970*	≤ 0.005 in.	800 psi
	Fire Test Data – Flame Spread	ASTM E 648	0.45 W/cm ² or more Class I	Meets
	Fire Test Data – Smoke Evolution	ASTM E 662	450 or less	Meets
	Fire Test Data – Canada	CANULC S102.2	Use dependent	Flame Spread - 0 Smoke Developed - 30
	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 D 2047/UL 410	≥ 0.5	Meets

* Testing at loads above 250 psi is outside the scope of the test method. Since testing is conducted on uninstalled flooring, results do not consider the performance of the adhesive, underlayment, or subfloor. These test results are not an indicator of the installed flooring system performance.

** 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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Maritime Usage

Marine Equipment Directive (MED) 96/98/EC	Certificate No. 164.117/1121/WCL MED015QA
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	Pass Pass
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	Approval No. 164.117/1121/WCL MED015TE

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 (EPD)	ISO 14025 and ISO 21930	ASTM International to UL

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.2 (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/Transparency	LEED v4 (Option 1) WELL™ Feature 97	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)
Recycled Content	ISO 14021	Contains recycled content	Meets - 40% Pre-Consumer
Sourcing of Raw Materials	LEED v4	Extended Producer Responsibility	Meets - See Armstrong On & On™ Floor Recycling Program

Warranty

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

ArmstrongFlooring.com/commercial | 1 888 276 7876



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