

# PRODUCT SPEC PAGE

## Safety Zone™ Sheet Slip-Retardant Flooring

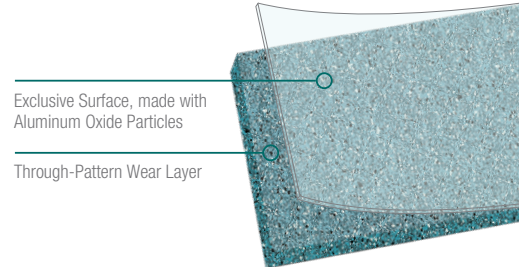
### Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options*
Homogeneous	Safety Zone™ Sheet	ASTM F1913	0.080 in. (2.0 mm) 0.080 in. (2.0 mm)	Commercial Polyurethane Coating	Full Spread Adhesives S-599, S-543 Flip® Spray Adhesive, S-580 Flash Cove Adhesive, S-240 Epoxy, Seams - Heat Weld only, wet applications- Perimeter Plus system	No Polish No Buff

### Packaging

Roll Length	Roll Width	Shipping Weight
Up to 66 ft (20 m)	6 ft. (1.83 m)	Approx. 6.57 lbs./sq. yd. (3.56 kg /sq. m)

### Product Structure



### Testing

	Performance	Test Method	Minimum Requirement	Performance vs. Requirement
ASTM F 1913	Total Thickness	ASTM F 386	≥ 0.075 in.	Meets
	Residual Indentation	ASTM F 1914	≤ 0.007 in.	Meets
	Flexibility	ASTM F 137	1 ½ inch mandrel no cracks or breaks in wear surface	Meets
	Resistance to Chemicals	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets
	Resistance to Heat	ASTM F 1514	Max. avg. ΔE ≤ 8	Meets
	Resistance Light	ASTM F 1515	Max. avg. ΔE ≤ 8	Meets
	Static Load Resistance @ 250 psi	ASTM F 970	≤ 0.005 in	Meets
Additional Testing	Static Load Resistance	ASTM F 970*	≤ 0.005 in.	750 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 - 5 Smoke Developed - 80
	Ramp Test	AS 4586 Appendix D	–	R11
	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 D2047/ UL 410	≥ 0.6	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 ASTM 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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### Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material - Flooring	CDPH v1.2 (2017) a.k.a CHPS 01350	FloorScore/SCS
Low-Emitting Material - Adhesive	CDPH v1.2 (2017) a.k.a CHPS 01350	FloorScore/SCS
Environmental Product Declaration (Industry EPD)	ISO 14025 and ISO 14040/ISO 21930	Yes/ULE
Multi-Attribute Sustainability Standard	GreenTag™ (GreenRate Level A)	Yes/Global GreenTag™
Plant Certifications	ISO 9001 – Quality Standards ISO 14001 – Environmental Management	Certified

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.2 (2017) a.k.a CHPS 01350	<0.5 mg/m <sup>3</sup>	Meets
Low Emitting Adhesives S-543 S-599 S-240 Flip® Spray Adhesive S-580	SCAQMD Rule #1168	Less than 50 g/L	S-543 Exceeds - 0 g/L S-599 Exceeds - 14 g/L S-240 Exceeds - 10 g/L Flip® Exceeds - 0 g/L S-580 Exceeds - 0 g/L
Material Safety 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	34% pre-consumer recycled content
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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