

Product Information

Structure - ToughGuard® II

Product Line - DuraStride™

International Specifications - ASTM F1303, Type I, Grade 3, Class B Backing

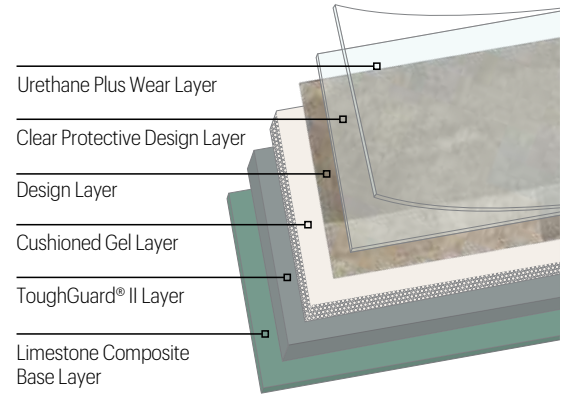
Overall Thickness - 0.060 in. (1.52 mm)

Wear Layer Thickness - 0.010 in. (0.25 mm)

Factory Finish - Urethane Plus

Installation - Modified Loose Lay or Full Spread Adhesive

Adhesive - S-295, S-299, Seam Sealer: S-500 or S-761



Packaging

Roll Length

Up to 131.3 ft (39.93 m)
Up to 65.6 ft (20 m)

Roll Width

6 ft. (1.83 m)
12 ft. (3.66 m)

Shipping Weight per Roll

3.5 lbs./sq. yd. (1.9 kg/m²)

Testing

Performance	Test Method	Requirement	Performance vs. Requirement
Wear Layer Composition	Certificate of Compliance	90% binder	Meets
Total Thickness	ASTM F386	≥ 0.040 in.	Meets
Residual Indentation	ASTM F1914	≤ 0.012 in.	Meets
Static Load Resistance @ 75 psi	ASTM F970	≤ 0.005 in.	Meets
Flexibility	ASTM F137	1/4 inch mandrel, no cracks or breaks in wear surface	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM E1514	ΔE < 8 avg., max	Meets
Resistance to Light	ASTM F1515	ΔE < 8 avg., max	Meets
Additional Testing			
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm ² or more Class 1	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
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	≥ 0.5	Meets

Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material - Flooring	CDPH v1.1 (2017) a.k.a CHPS 01350	FloorScore®/SCS
Low Emitting Material – Adhesive (S-599, S-288, S-289, FLIP)	CDPH v1.1 (2017) a.k.a CHPS 01350	FloorScore®/SCS

Performance	Standard	Requirements	Performance vs. Requirement
TVOC Range	CDPH vl.2 (2017) a.k.a CHPS 01350	<0.5 mg/m ³	Meets
Low Emitting Adhesives S-295, S-299	SCAQMD Rule #1168	Less than 50 g/L	S-295 Exceeds – 0g/L S-299 Exceeds – 0g/L
Fundamental Material Safety Toxic Materials Reduction	WELL™ Feature 11 and 25	No asbestos, free of lead and phthalates (DEHP, DBP, BBP, DIDP, DNOP)	Meets
Sourcing of Raw Materials	LEED v4	Extended Producer Responsibility	Meets - See Armstrong On & On® Floor Recycling Program

Limited Warranty

15-year Limited Residential Warranty.

Visit [ArmstrongFlooring.com/pro](https://www.armstrongflooring.com/pro)

for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.

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*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.

