

Product Information

Construction - Rigid Core

International Specifications - ASTM F3261, Class I, Type B, Grade 2, Backing Class B

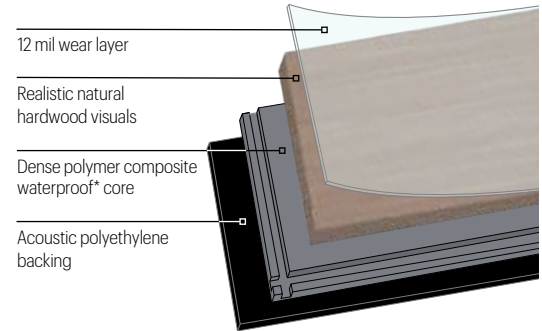
Overall Thickness - 5 mm (0.2 in.)

Wear Layer Thickness - 12 mil (0.3mm)

Factory Finish - UV-cured Polyurethane

Installation - Floating or Full Spread Adhesive: S-995

Maintenance Options - No Polish - No Buff, Polish



* When exposed to water planks will not swell, buckle or lose integrity. See warranty for details.

Packaging

Size	Pieces per Carton/Coverage	Shipping Weight per Carton
6 in. x 48 in. (144 mm x 1213 mm)	10 - 18.80 ft ² (1.75 m ²)	31.2 lbs./carton (141.8 kg)

Testing

ASTM F3261			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F387	As specified ± 0.005 in. (0.13 mm)	Meets
Wear Layer Thickness	ASTM F410	0.020 in. (0.5 mm) minimum for Commercial Use	Meets
Width	ASTM F2421	± 0.016 in. (0.040 mm)	Meets
Length	ASTM F2421	+/- 0.080 in. (2 mm)	Meets
Squareness	ASTM F2055	0.010 in. maximum	Meets
Thickness Swell	ASTM F3261	Max 5% swell	Meets
Openings, Avg / Max	ISO 24337	Oavg ≤ 0.004 in. (0.1 mm) / OM ≤ 0.008 in. (0.2 mm)	Meets
Ledging, Avg / Max	ISO 24337	Havg ≤ 0.004 in. (0.1 mm) / HM ≤ 0.006 in. (0.15 mm)	Meets
Dimensional Stability	ASTM F2199	0.2 % / lineal ft. (305 mm) max	Meets
Curl	ASTM F2199 ISO 239999	Max 0.080 in. (2 mm)	Meets or exceeds
Residual Indentation	ASTM F1914	Avg. ≤ 0.007 in. (0.18 mm)	Meets or exceeds
Surface Integrity	ASTM F1914	No puncture thru wear layer/décor in to rigid core	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	ΔE < 8	Meets
Resistance to Light	ASTM F1515	ΔE < 8	Meets
Static Load Resistance @ 250	ASTM F970	< 0.005 in.	Meets
Additional Testing			
Static Coefficient of Friction**	ASTM D2047/UL 410	≥ 0.5	Meets
Static Load Resistance	ASTM F970*	< 0.005 in.	1500 psi
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	Flame Spread - 15 Smoke Developed - 170
Fire Test Data – Canada	CAN/ULC S1202.2	Use dependent	Meets
ADA Standards for Accessible Design	Chapter 3, Section 302.1	Floor surfaces shall be stable, firm and slip resistant	Meets

Sustainability

WELL v1 Feature

Air	Feature 04 - VOC Reduction
	Feature 11 - Fundamental Material Safety
	Feature 25 - Toxic Material Reduction
Mind	Feature 88 (Part 2) Biophilia I - Qualitative
	Feature 99 - Beauty and Design II

Essentials

✓
✓
✓
✓
✓

Contribution

Tested and third party certified by FloorScore® as complying with CDPH v1.2
Product is free of asbestos and added lead (Part 1)
Free of flame retardants (Part 2) and phthalates (Part 3)
Products available that incorporate nature patterns
Provided patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature

Materials	Feature X01.1 Material Restrictions
	Feature X05.1 Enhanced Material Restrictions
	Feature X06.1 VOC Restrictions
	Feature X06.2 VOC Restrictions
	Mind Feature M02.1 Nature and Place
Community Feature C13 (Part 2) Accessibility and Universal Design	

Essentials

✓
✓
✓
✓
✓
✓

Contribution

Product is free of asbestos
Free of flame retardants (Part 2) and phthalates (Part 3)
Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
Products available that incorporate nature patterns
Provided patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1

BPDO - EPD
Location of Manufacturer
Low Emitting Flooring
Low Emitting Adhesives
SCAQMD #1168 Compliant.
Adhesives meet <50 g/L requirement.

Essentials

Industry Average
China
Tested and third party certified by FloorScore as complying with CDPH v1.2
Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified S-995 - 0 g/L

Carbon Footprint

Global Warming Potential, including Biogenic Carbon Raw Materials (A1) through Production (A3)
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Essentials

1.92 Kg CO ² eq. / square foot (20.50 Kg CO ² eq. / square meter)
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Limited Warranty

7-year Commercial Warranty when installed in strict accordance with the detailed instructions.

Visit ArmstrongFlooring.com

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

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*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.

