

Product Information

Construction - Biobased Tile Non-PVC

International Specifications - ASTM F2982, Polyester composition floor tile, Through Pattern

Overall Thickness - 1/8 in. (3.2 mm)

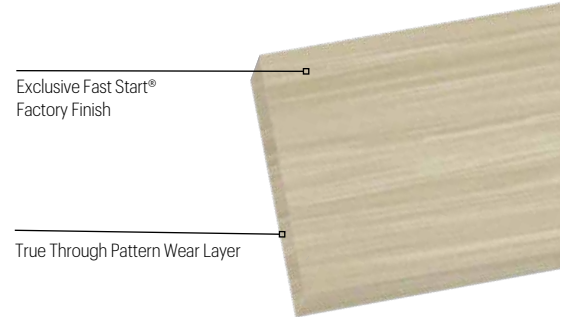
Wear Layer Thickness - 1/8 in. (3.2 mm)

Factory Finish - Fast Start®

Installation - Adhesives: S-525, S-1000

Maintenance Options* - Polish

* See Maintenance recommendations to help determine the right option for your project.



Packaging

Tile Sizes

Striations BBT
12 in. x 24 in. (305 mm X 610 mm)

Migrations BBT
12 in. x 12 in. (305 mm X 305 mm)

Tiles per Carton/Coverage

12 in. x 24 in. - 22 (44 sq. ft.)

12 in. x 12 in. - 45 (45 sq. ft.)

Shipping Weight per Carton

12 in. x 24 in. -
61 lbs. (27.7 kg)

12 in. x 12 in. -
63 lbs. (28.5 kg)

Testing

ASTM F2982			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	Nominal ± 0.005 in.	Meets
Size	ASTM F2421 F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2421 F2055	0.010 in. maximum	Meets
Indentation – One Minute	ASTM F1914	≤ 0.012 in.	Meets
Indentation – Ten Minutes	ASTM F1914	≤ 0.015 in.	Meets
Impact	ASTM F1265	No cracks beyond limit after 12 drops	Meets
Deflection	ASTM F1304	1.0 in. minimum	Meets
Dimensional Stability	ASTM F2199	≤ 0.028 in. per linear foot max.	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	ΔE < 8.0	Meets
Resistance Light	ASTM F1515	ΔE < 8.0	Meets
Static Load Resistance @ 250 psi	ASTM F970	< 0.005 in.	Meets
Additional Testing			
Static Load Resistance	ASTM F970*	< 0.005 in.	2000 psi
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm ² or more Class I	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
Fire Test Data – Canada	CAN/ULC S-102.2	Use dependent	Flame Spread - 0 Smoke Developed - 25
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
Acoustics	ASTM E492 (IIC) ASTM E90 (STC) ASTM E2179 (DELTA IIC)	International Building Code (IIC ≥ 50) International Building Code (STC ≥ 50) Sound Transmission Reduction	Meets - 6 in. concrete, with ceiling - IIC - 50 Exceeds - 6 in. concrete, with ceiling - STC 63 Δ IIC - 6

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

BBT

✓
✓
✓
✓
✓

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
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
	Feature X07.1 Material Transparency
Mind	Feature M02.1 Nature and Place
	Feature C13 (Part 2) Accessibility and Universal Design

BBT

✓
✓
✓
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✓
✓
✓

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
Readily available Health Product Declaration® (HPD) to 1000 ppm
Products available that incorporate nature patterns
Patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1

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

BBT

Third Party Certified Product Specific
HPD & Red List Free Declare Label
40% pre-consumer recycled content
EPR - On&On™ Recycling Program
USA
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-525 - 16 g/L
S-1000 - 0.1 g/L

Carbon Footprint

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

BBT

0.27 Kg CO ² eq. / square foot
(2.94 Kg CO ² eq. / square meter)

Limited Warranty

10-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.

