

PRODUCT SPEC PAGE



Striations BBT™ | Migrations™ BBT™ with Diamond 10® Technology coating Bio-Flooring

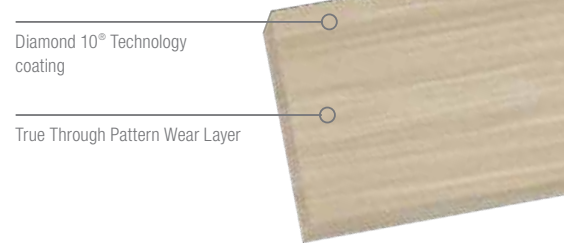
Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options*
Biobased Tile Non-PVC	Striations BBT™ Migrations™ BBT™	ASTM F2982 Polyester composition floor tile Through Pattern	1/8 in. (3.2 mm)	Diamond 10 Technology coating	Full Spread Adhesives S-525 or S-700	Polish No Polish – No Buff No Polish – Spray Buff <small>*See Maintenance recommendations to help determine the right option for your project.</small>

Packaging

Tile Sizes	Tiles per Carton / Coverage	Shipping Weight per Carton
Striations BBT 12 in. x 24 in. (305 mm X 610 mm)	12 in. x 24 in. - 22 (44 sq. ft.)	12 in. x 24 in. - 61 lbs. (27.7 kg)
Migrations BBT 12 in. x 12 in. (305 mm X 305 mm)	12 in. x 12 in. - 45 (45 sq. ft.)	12 in. x 12 in. - 63 lbs. (28.5 kg)

Product Structure



Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F2982	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	≤ 0.012 in.	Meets
	Indentation – Ten Minutes	ASTM F 1914	≤ 0.015 in.	Meets
	Static Load Limit @ 250 psi	ASTM F 970	≤ 0.005 in.	Meets
	Impact	ASTM F 1265	No cracks beyond limit after 12 drops	Meets
	Deflection	ASTM F 1304	1.0 in. minimum	Meets
	Dimensional Stability	ASTM F 2199	≤ 0.028 in. per linear foot max.	Meets
	Chemical Resistance	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets
Additional Testing	Resistance to Light	ASTM F 1515	ΔE not greater than 8.0	Meets
	Resistance to Heat	ASTM F 1514	ΔE not greater than 8.0	Meets
	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 S-102.2	Use dependent	Flame Spread - 0 Smoke Developed - 5
	Acoustics	ASTM E2179	Sound transmission reduction	Meets – Delta IIC (ΔIIC) – 6
	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

* 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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Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material	CDPH v1.1 (2017) a.k.a CHPS 01350	FloorScore®/SCS
Environmental Product Declaration (EPD)	ISO 14025 ISO 14040	Yes/ASTM International
Low-Emitting Adhesives (S-525, S-700)	CDPH v1.1 (2010) a.k.a CHPS 01350	FloorScore/SCS

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.1 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesives S-525 S-700	SCAQMD Rule #1168	Less than 50 g/L	S-525 Exceeds – 16 g/L S-700 Exceeds – 0 g/L
Acoustics	ASTM E2179	Sound transmission reduction	Meets – Delta IIC (ΔIIC) – 6
Biobased/Rapidly Renewable	ASTM D6822	Biobased content	Meets – 2% Biobased Content
Materials Ingredients/Transparency	LEED® v4 Option 1/WELL™ Feature 97	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)
Fundamental Material Safety Toxic Material 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	Meets – 40% Pre-consumer
Sourcing of Raw Materials (Option 2)	LEED v4	Extended Producer Responsibility	Meets- Recyclable through Armstrong Flooring On&On™ Flooring Recycling Program

Limited Warranty

10-year Commercial Warranty when installed in strict accordance with the detailed instructions at ArmstrongFlooring.com.

ArmstrongFlooring.com/commercial | 1 888 276 7876

