

PRODUCT SPEC PAGE

Bio-Flooring Striations BBT™ | Migrations® BBT™

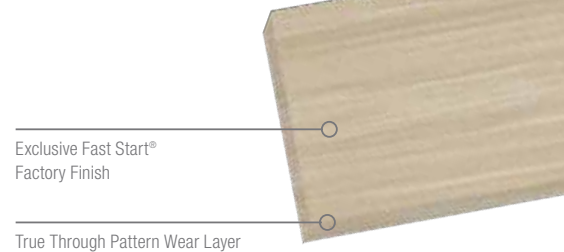
Product Information

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) 1/8 in. (3.2 mm)	Fast Start®	Full Spread Adhesives: S-525, S-700	Polish

Packaging

Tile Sizes	Tiles per Carton / Coverage	Shipping Weight per Carton
Striations BBT 12 in. x 24 in. (305 mm x 610 mm) Migrations BBT 12 in. x 12 in. (305 mm x 305 mm)	12 in. x 12 in. – 45 (45 sq. ft.) 12 in. x 24 in. – 22 (44 sq. ft.)	12 in. x 12 in. – 63 lbs. (28.6 kg) 12 in. x 24 in. – 61 lbs. (27.7 kg)

Product Structure



Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F2982	Thickness	ASTM F386	Nominal ± 0.005 in.	Meets
	Size	ASTM F2055	± 0.016 in. per linear foot	Meets
	Squareness	ASTM F2055	0.010 in. max	Meets
	Indentation – One Minute	ASTM F1914	≤ 0.012 in.	Meets
	Indentation – Ten Minutes	ASTM F1914	≤ 0.015 in.	Meets
	Static Load Limit @ 250 psi	ASTM F970	≤ 0.005 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 Light	ASTM F1515	ΔE not greater than 8.0	Meets
	Resistance to Heat	ASTM F1514	ΔE not greater than 8.0	Meets
Additional Testing	Static Load Limit	ASTM F970	≤ 0.005 in.	125 psi
	Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm² 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
	Acoustics	ASTM E2179	Sound transmission reduction	Meets – Delta IIC (ΔIIC) – 6

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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	Yes/ASTM International
Plant Quality	ISO 9001	Yes/SAI Global

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
Material Ingredients (Option 1)	LEED® v4	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)
Recycled Content	ISO 14021	Contains recycled content	Meets – 40% Pre-consumer

* All adhesives are FloorScore® certified.

Limited Warranty

5-year Commercial Warranty when installed in strict accordance with the Armstrong Flooring Guaranteed Installations Systems manual, F-5061.

