



Forward Motion #03853

Product Specification

Face Construction	Imperial	Metric
Construction	Level Loop	
Face Weight	14 oz/sq yd	474.6 g/sq m
Gauge	1/13	50.4 rows/10 cm
Stitches per Inch	8.8	34.6 pu/10 cm
Tuft Density	112.64 tufts/sq in	17.5 tufts/sq cm
Pile Height Average	0.109 inch	2.8 mm
Pile Thickness	0.05 inch	1.3 mm
Density Factor	10,080 oz/cu yd	373.0 kg/cu m
Fiber System	Dynex SD® Nylon / Dynex® Nylon	
Dye Method	55% Solution Dyed / 45% Yarn Dyed	
Fluorine-Free Soil Protection	Eco-Ensure	6.6 Kilotex
Primary Tufting Substrate	Synthetic Non-Woven	
Pattern Match	Not Required	

Third Party Environmental Certifications

Product	Recycled Content*		NSF 140	Cradle to Cradle
	Overall	Postconsumer	SCS Certified	Certified™ v3.1**
Certified ethos® Modular with Omnicoat Technology®	47-75%	28%	Platinum	Silver
Certified Powerbond® Cushion	7-33%	7%	Gold	
Certified Flex-Aire Modular® Cushion	21-41%	4%	Gold	
Certified Powerbond® Medfloor®	7-33%	7%		

*Minimum recycled content certified by Scientific Certification Systems (SCS) and varies by product style.

**Cradle to Cradle Certified is a certification mark licensed by the Cradle to Cradle Products Innovation Institute

Product Testing/Information

Antimicrobial Chemicals	No antimicrobials (EPA Registered pesticides) added to product (ASTM E2471-05)
Electrostatic Propensity	2.0 kV (AATCC 134); Permanent Conductive Fiber
Surface Flammability	Passes CPSC FF 1-70 (ASTM D-2859)
Flooring Radiant Panel	Class 1 (mean average CRF: 0.45 w/sq cm or higher) (ASTM E-648)
Smoke Generation	Less than 450 (ASTM E-662)
Colorfastness to Light	≥ 4 after 60 hours (AATCC 16E)
Soil Protection	Application Rate: 2% of Face Weight

Installation Methods

Peel and Stick	RS Adhesive System - Full Coverage Peel & Stick
Wet Spread	Backing specific Tarkett Adhesives
Installation Method	24" x 24" Monolithic; 18" x 36" Vertical Ashlar, Herringbone

Product Notes

- Specifications are subject to nominal manufacturing variances. Material supply and/or manufacturing processes may necessitate changes without notice. Colors may vary slightly from dye lot to dye lot.
- U.S. Patent numbers: 4,849,267; 6,406,574, US 9,988,760 B2
- Chair pads are recommended for optimum textural performance. Absent the use of chair pads, more intensive maintenance will be required for areas in direct contact with chair caster traffic, and some degree of appearance change is to be expected.

Tarkett North America

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Warranty: Lifetime limited warranty against excessive surface wear, static, delamination, edge ravel, zippering, & backing resiliency loss.

ethos® Modular with Omniccoat Technology®

Total Minimum Recycled Content	60.6%				SCS Certified total 47-75%
Pre-Consumer	24.7%				SCS Certified
Postconsumer	36.0%				SCS Certified
Third Party Certification NSF-140	Platinum				SCS Certified
Cradle to Cradle Certification	Silver (Certification #1904)				Cradle to Cradle Certified™ v3.1
Product Size	24" x 24" Tile (18" x 36" also available)				
Secondary Backing	50% Recycled Content				
Intermediate Layer	Fiberglass Reinforced Sealant				
Product Construction	No Delamination per ASTM D-3936				
Secondary Backing Density	65.0 lbs/cu ft		1041	kg/cu m	
Secondary Backing Thickness	0.050 inch		1.3	mm	
Total Weight	91.9 oz/sq yd +/-5%		3115.1	g/sq m	
CRI Green Label Plus Certification	GLP8320				



Flex-Aire Modular® Cushion

Total Minimum Recycled Content	26.1%				SCS Certified total 21-41%
Pre-Consumer	20.2%				SCS Certified
Postconsumer	5.9%				SCS Certified
Third Party Certification NSF-140	Gold				SCS Certified
Product Size	24" x 24" Tile (18" x 36" also available)				
Secondary Backing	Fiberglass Reinforced Composite Closed Cell Cushion				
Intermediate Layer	Fiberglass Reinforced Sealant				
Product Construction	No Delamination per ASTM D-3936				
Cushion Weight	35.5 oz/sq yd		1203	g/sq m	ASTM D1667
Cushion Density	18.5 lbs/cu ft		296	kg/cu m	ASTM D1667
Cushion Thickness	0.156 inch		4.0	mm	ASTM D1667
Total Weight with RS / Non-RS	113.1 111.7 oz/sq yd +/-5%	3835	3788	g/sq m	
Compression Set	Max. 10%				ASTM D1667
Compression Deflection	5 Min. 25 max lbs/sq inch @ 25%	352	1758	g/sq cm	ASTM D1667
CRI Green Label Plus Certification	GLP6558				

Powerbond® Cushion

Total Minimum Recycled Content	8.9%				
Pre-Consumer	0.0%				
Postconsumer	8.9%				
Third Party Certification NSF-140	Gold				
Product Size	6 ft.				
Cushion	Closed Cell Cushion				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	35.5 oz/sq yd		1203	g/sq m	ASTM D1667
Cushion Density	18.5 lbs/cu ft		296	kg/cu m	ASTM D1667
Cushion Thickness	0.156 inch		4.0	mm	ASTM D1667
Total Weight with RS / Non-RS	75.0 72.7 oz/sq yd +/-5%	2544	2466	g/sq m	
Compression Set	Max. 10%				ASTM D1667
Compression Deflection	7 Min. 25 max lbs/sq inch @ 25%	492	1758	g/sq cm	ASTM D1667
CRI Green Label Plus Certification	GLP9744				

Powerbond Medfloor®

Total Minimum Recycled Content	9.5%				
Pre-Consumer	0.0%				
Postconsumer	9.5%				
Product Size	6 ft.				
Cushion	Medfloor				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	37 oz/sq yd		1254	g/sq m	ASTM D1667
Cushion Density	30 lbs/cu ft		481	kg/cu m	ASTM D1667
Cushion Thickness	0.085 inch		2.2	mm	ASTM D1667
Total Weight	74.2 oz/sq yd +/-5%		2517	g/sq m	
Compression Set	Max. 10%				ASTM D1667
Compression Deflection	29 lbs/sq inch @ 25%		2039	g/sq cm	ASTM D1667
CRI Green Label Plus Certification	GLP9744				