



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 ER3® Modular	45-66%	14%	Gold	
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 Tandus Adhesives
Installation Method	Monolithic

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: 4,849,297; 4,849,267; 5,728,741; 5,855,981; 5,914,353; 6,406,574
- The use of chair pads under roller caster chairs may be required in order to maintain full limited warranty coverage. Please refer to the applicable limited warranty verbiage for specific requirements. In all cases, 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.

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Modular Options

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

ER3® Modular

Total Minimum Recycled Content	55.3%					SCS Certified total 45-66%
Pre-Consumer	38.0%					SCS Certified
Postconsumer	17.2%					SCS Certified
Third Party Certification NSF-140	Gold					SCS Certified
Product Size	24" x 24" Tile					
Secondary Backing	100% Recycled Content with Tru Bloc (Barrier System)					
Intermediate Layer	Fiberglass Reinforced Sealant					
Product Construction	No Delamination per ASTM D-3936					
Secondary Backing Density	65	lbs/cu ft		1041	kg/cu m	
Secondary Backing Thickness	0.087	inch		2.2	mm	
Total Weight with RS / Non-RS	124.5	122.9	oz/sq yd +/-5%	4222	4168	g/sq m
CRI Green Label Plus Certification	GLP1366					

ethos® Modular with Omnicoat 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					
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					
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 D-3574
Cushion Density	18.5	lbs/cu ft		296	kg/cu m	ASTM D-3574
Cushion Thickness	0.156	inch		4.0	mm	ASTM D-3574
Total Weight with RS / Non-RS	113.1	111.7	oz/sq yd +/-5%	3835	3788	g/sq m
Compression Set	Max. 10%					ASTM D-3574
Compression Deflection	5 Min. 25 max lbs/sq inch @ 25%	352		1758	g/sq cm	ASTM D-3574
CRI Green Label Plus Certification	GLP6558					



Powerbond® Options

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

Powerbond Cushion

Total Minimum Recycled Content	8.9%				SCS Certified total 7-33%
Pre-Consumer	0.0%				SCS Certified
Postconsumer	8.9%				SCS Certified
Third Party Certification NSF-140	Gold				SCS Certified
Product Size	6 ft.	1.8	m		
Cushion	Closed Cell Cushion				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	35.5 oz/sq yd	1203	g/sq m		ASTM D-3574
Cushion Density	18.5 lbs/cu ft	296	kg/cu m		ASTM D-3574
Cushion Thickness	0.156 inch	4.0	mm		ASTM D-3574
Total Weight with RS / Non-RS	75.0 72.7 oz/sq yd +/-5% 2544	2466	g/sq m		
Compression Set	Max. 10%				ASTM D-3574
Compression Deflection	7 Min. 25 max lbs/sq inch @ 25% 492	1758	g/sq cm		ASTM D-3574
CRI Green Label Plus Certification	GLP9744				

Powerbond Medfloor®

Total Minimum Recycled Content	9.5%				SCS Certified total 7-33%
Pre-Consumer	0.0%				SCS Certified
Postconsumer	9.5%				SCS Certified
Product Size	6 ft.	1.8	m		
Cushion	Medfloor				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	37 oz/sq yd	1254	g/sq m		ASTM D-3574
Cushion Density	36 lbs/cu ft	577	kg/cu m		ASTM D-3574
Cushion Thickness	0.085 inch	2.2	mm		ASTM D-3574
Total Weight	74.2 oz/sq yd +/-5%	2517	g/sq m		
Compression Set	Max. 10%				ASTM D-3574
Compression Deflection	29 lbs/sq inch @ 25%	2039	g/sq cm		ASTM D-3574
CRI Green Label Plus Certification	GLP9744				