



Dot Matrix #04852

Product Specification

Face Construction	Imperial	Metric
Construction	Stratatec® Patterned Loop	
Face Weight	20 oz/sq yd	678 g/sq m
Gauge	5/64	50.4 rows/10 cm
Stitches per Inch	10.0	39.4 pu/10 cm
Tuft Density	128 tufts/sq in	19.8 tufts/sq cm
Pile Height Average	0.187 inch	4.7 mm
Pile Thickness	0.104 inch	2.6 mm
Density Factor	6,923 oz/cu yd	256.2 kg/cu m
Fiber System	Dynex SD® Nylon (Permanent Stain Resistance)	
Dye Method	100% Solution Dyed	
Fluorine-Free Soil Protection	Eco-Ensure	11.5 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	1.0 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 100 hours (AATCC 16E)
Soil Protection	Application Rate: 2% of Face Weight
Stain Resistance	≥ 8 (AATCC 175-08 Stain Resistance Pile Floor Coverings)

Installation Methods

Peel and Stick	RS Adhesive System - Full Coverage Peel & Stick
Wet Spread	Backing specific Tarkett Adhesives
Installation Method	24" x 24" Vertical Ashlar; 18" x 36", 9" x 36" Herringbone, Vertical Ashlar

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 & stain resistance.

ethos® Modular with Omnicoat Technology®

Total Minimum Recycled Content	56.9%				
Pre-Consumer	23.2%				
Postconsumer	33.8%				
Third Party Certification NSF-140	Platinum				
Cradle to Cradle Certification	Silver (Certification #1904)				
Product Size	24" x 24" Tile	(9" x 36" and 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	97.9	oz/sq yd +/-5%		3318.5	g/sq m
CRI Green Label Plus Certification	GLP8320				

SCS Certified total 47-75%
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 SCS Certified
 SCS Certified
 Cradle to Cradle Certified™ v3.1



Flex-Aire Modular® Cushion

Total Minimum Recycled Content	24.8%					
Pre-Consumer	19.2%					
Postconsumer	5.6%					
Third Party Certification NSF-140	Gold					
Product Size	24" x 24" Tile	(9" x 36" and 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	
Cushion Density	18.5	lbs/cu ft		296	kg/cu m	
Cushion Thickness	0.156	inch		4.0	mm	
Total Weight with RS / Non-RS	119.1	117.7	oz/sq yd +/-5%	4039	3991	g/sq m
Compression Set	Max. 10%					
Compression Deflection	5 Min.	25 max lbs/sq inch @ 25%	352	1758	g/sq cm	
CRI Green Label Plus Certification	GLP6558					

SCS Certified total 21-41%
 SCS Certified
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 SCS Certified

Powerbond® Cushion

Total Minimum Recycled Content	8.2%					
Pre-Consumer	0.0%					
Postconsumer	8.2%					
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	
Cushion Density	18.5	lbs/cu ft		296	kg/cu m	
Cushion Thickness	0.156	inch		4.0	mm	
Total Weight with RS / Non-RS	81.0	78.7	oz/sq yd +/-5%	2747	2669	g/sq m
Compression Set	Max. 10%					
Compression Deflection	7 Min.	25 max lbs/sq inch @ 25%	492	1758	g/sq cm	
CRI Green Label Plus Certification	GLP9744					

ASTM D1667
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Powerbond Medfloor®

Total Minimum Recycled Content	8.7%				
Pre-Consumer	0.0%				
Postconsumer	8.7%				
Product Size	6 ft.				
Cushion	Medfloor				
Heterogeneous Construction	No Delamination per ASTM D-3936				
Cushion Weight	37	oz/sq yd		1254	g/sq m
Cushion Density	30	lbs/cu ft		481	kg/cu m
Cushion Thickness	0.085	inch		2.2	mm
Total Weight	80.2		oz/sq yd +/-5%	2720	g/sq m
Compression Set	Max. 10%				
Compression Deflection	29		lbs/sq inch @ 25%	2039	g/sq cm
CRI Green Label Plus Certification	GLP9744				

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