



Longitude #04318

Product Specification

Face Construction	Imperial		Metric	
Construction	Stratatec® Patterned Loop			
Gauge	5/64		50.4	rows/10 cm
Stitches per Inch	9.8		38.6	pu/10 cm
Tuft Density	125.44	tufts/sq in	19.4	tufts/sq cm
Pile Height Average	0.187	inch	4.7	mm
Pile Thickness	0.091	inch	2.3	mm
Pile Density	5,143	oz/cu yd	190.3	kg/cu m Kilotex 8.0
Fiber System	TDX® Nylon			
Dye Method	95% Solution Dyed / 5% Yarn Dyed			
Fluorine-Free Soil Protection	Eco-Ensure (Cradle to Cradle™ v3.1 Certified Platinum)			
Primary Tufting Substrate	Synthetic Non-Woven			
Pattern Match	Not Required			

Third Party Environmental Certifications

Product	Recycled Content		Green Label	NSF 140	Cradle to Cradle
	Overall	Postconsumer	Plus Certified	SCS Certified	Certified™ v3.1
ethos® Modular with Omniccoat Technology®	56 - 79%	30%	GLP8320	Gold	Silver
Flex-Aire Modular® Cushion	28 - 46%	22%	GLP6558	Gold	
Powerbond® Cushion	15 - 42%	8%	GLP9744	Gold	
Powerbond® Medfloor®	15 - 42%	8%	GLP9744		

Powerbond® Cushion RS® CERTIFIED asthma & allergy friendly®



Product Testing/Information

Antimicrobial Chemicals	No antimicrobials (EPA Registered pesticides) added to product (ASTM E2471-05)
Electrostatic Propensity	≤3.0 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

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

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 Omnicoat Technology®

Total Minimum Recycled Content	64.4%			
Pre-Consumer	29.6%			
Postconsumer	34.8%			
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	90.9	oz/sq yd +/-5%	3081.2	g/sq m

Flex-Aire Modular® Cushion

Total Minimum Recycled Content	29.1%			
Pre-Consumer	3.8%			
Postconsumer	25.3%			
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 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	112.1	110.7	oz/sq yd +/-5%	3802 3754 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

Powerbond® Cushion

Total Minimum Recycled Content	29.1%			
Pre-Consumer	3.8%			
Postconsumer	25.3%			
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	74.0	71.7	oz/sq yd +/-5%	2510 2432 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

Powerbond Medfloor®

Total Minimum Recycled Content	29.1%			
Pre-Consumer	3.8%			
Postconsumer	25.3%			
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	73.2	oz/sq yd +/-5%	2483	g/sq m
Compression Set	Max. 10%			ASTM D1667
Compression Deflection	29	lbs/sq inch @ 25%	2039	g/sq cm ASTM D1667