



## Hydra #11245

## Product Specification

Face Construction	Imperial	Metric
Construction	Textured Loop	
Face Weight	28 oz/sq yd	949.2 g/sq m
Gauge	1/13	50.4 rows/10 cm
Stitches per Inch	7.1	28.0 pu/10 cm
Tuft Density	90.9 tufts/sq in	14.1 tufts/sq cm
Pile Height Average	0.187 inch	4.7 mm
Pile Thickness	0.094 inch	2.4 mm
Density Factor	10,723 oz/cu yd	396.8 kg/cu m
Fiber System	TDX Nylon	
Dye Method	100% Solution Dyed	
Fluorine-Free Soil Protection	Eco-Ensure	15.0 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	1.7kV (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" 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 Omnicoat Technology®**

Total Minimum Recycled Content	52.6%				SCS Certified total 47-75%
Pre-Consumer	21.4%				SCS Certified
Postconsumer	31.2%				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	(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	105.9	oz/sq yd +/-5%		3589.7	g/sq m
CRI Green Label Plus Certification	GLP8320				



**Flex-Aire Modular® Cushion**

Total Minimum Recycled Content	23.2%				SCS Certified total 21-41%
Pre-Consumer	18.0%				SCS Certified
Postconsumer	5.3%				SCS Certified
Third Party Certification NSF-140	Gold				SCS Certified
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	127.1	125.7	oz/sq yd +/-5%	4310	4263
Compression Set	Max. 10%				ASTM D1667
Compression Deflection	5 Min.	25 max lbs/sq inch @ 25%	352	1758	g/sq cm
CRI Green Label Plus Certification	GLP6558				ASTM D1667

**Powerbond® Cushion**

Total Minimum Recycled Content	7.5%				
Pre-Consumer	0.0%				
Postconsumer	7.5%				
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	89.0	86.7	oz/sq yd +/-5%	3018	2940
Compression Set	Max. 10%				ASTM D1667
Compression Deflection	7 Min.	25 max lbs/sq inch @ 25%	492	1758	g/sq cm
CRI Green Label Plus Certification	GLP9744				ASTM D1667

**Powerbond Medfloor®**

Total Minimum Recycled Content	8.0%				
Pre-Consumer	0.0%				
Postconsumer	8.0%				
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	88.2		oz/sq yd +/-5%	2991	g/sq m
Compression Set	Max. 10%				ASTM D1667
Compression Deflection	29		lbs/sq inch @ 25%	2039	g/sq cm
CRI Green Label Plus Certification	GLP9744				ASTM D1667