



Assertive Action #04837

Product Specification

Face Construction	Imperial	Metric
Construction	Symtex®	
Face Weight	29 oz/sq yd	983.1 g/sq m
Gauge	1/10	39.4 rows/10 cm
Stitches per Inch	9.0	35.4 pu/10 cm
Tuft Density	90 tufts/sq in	14.0 tufts/sq cm
Pile Height Average	0.187 inch	4.7 mm
Pile Thickness	0.095 inch	2.4 mm
Pile Density	10,989 oz/cu yd	406.6 kg/cu m Kilotex 17.4
Total Finished Product Thickness	Powerbond® hybrid carpet: .340 inch	
	ethos® carpet tile with Omnicoat Technology®: .234 inch	
	Flex-Aire™ cushion carpet tile: .340 inch	
Fiber System	TDX® Nylon	
Dye Method	Solution Dyed	
Fluorine-Free Soil Protection	Eco-Ensure: C2C Material Health Certification - Gold (v4.1)	
Primary Tufting Substrate	Synthetic Non-Woven	
Pattern Match	Not Required	

Third Party Environmental Certifications

Product	Green Label Plus Certified	NSF 140 SCS Certified	Cradle to Cradle Certified™ v4.0	CERTIFIED asthma & allergy friendly®
ethos carpet tile with Omnicoat Technology	GLP8320	Gold	Bronze	
Flex-Aire cushion carpet tile	GLP6558	Gold		
Powerbond hybrid carpet	GLP9744	Gold		
Powerbond hybrid carpet RS®	GLP9744	Gold		Meets Certification Standards

Recycled Content	Overall	Post-Consumer	Pre-Consumer
ethos carpet tile with Omnicoat Technology	55 - 78%	30 - 43%	25 - 49%
Flex-Aire cushion carpet tile	27 - 45%	22 - 34%	2 - 23%
Powerbond hybrid carpet	12 - 41%	7 - 24%	3 - 33%

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" Monolithic, 18" x 36" and 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

Technical Services Department
1104 Willowdale Road NW
Dalton, GA 30721
800.248.2878

www.tarkett.com



IMPERIAL

METRIC

TEST METHOD

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

ethos® carpet tile with Omnicoat Technology®

Total Minimum Recycled Content	57.7%				
Pre-Consumer	27.0%				
Post-Consumer	29.6%				
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	107.1	oz/sq yd +/-5%		3631	g/sq m

Flex-Aire™ cushion carpet tile

Total Minimum Recycled Content	27.2%				
Pre-Consumer	4.9%				
Post-Consumer	22.2%				
Product Size	24" x 24" Tile (9" x 36" Non-RS only 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	127.8	126.7	oz/sq yd +/-5%	4332	4295 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® hybrid carpet

Total Minimum Recycled Content	15.0%				
Pre-Consumer	7.1%				
Post-Consumer	7.9%				
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	89.1	87.7	oz/sq yd +/-5%	3020	2973 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