Aida Cloth #G0052

Product Specification

Face Construction	Imperial		Metric		
Construction	Tufted Patterned Loop				
Face Weight	25	oz/sq yd	847.5	g/sq m	
Gauge	1/10		39.4	rows/10 cm	
Stitches per Inch	9.4		37.0	pu/10 cm	
Tuft Density	94	tufts/sq in	14.6	tufts/sq cm	
Pile Height Average	0.109	inch	2.8	mm	
Pile Thickness	0.075	inch	1.9	mm	
Total Finished Thickness	ethos® carpet tile with Omnicoat Technology®: 0.296 inch				
	Flex-Aire™ cushion carpet tile: 0.402 inch				
Pile Density	12,000	oz/cu yd	444.0	kg/cu m	Kilotex 7.11
Fiber System	Dynex SD® Nylon (Permanent Stain Resistance)				
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
ethos carpet tile with Omnicoat Technology	GLP8320	Gold	Bronze
Flex-Aire cushion carpet tile	GLP6558	Gold	

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%

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
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" Vertical Ashlar, Herringbone

Product Notes

1. 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.
2. U.S. Patent numbers: 4,849,267; 6,406,574, US 9,988,760 B2
3. 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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	IMPERIAL				METRIC		TEST METHOD
Warranty: Lifetime limited warranty against excessive surface wear, static, delamination, edge ravel, zippering, backing resiliency loss & stain resistance.							
ethos® carpet tile with Omnicoat Technology®							
Total Minimum Recycled Content	74.4%						
Pre-Consumer	43.1%						
Post-Consumer	31.2%						
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	111.7		oz/sq yd +/-5%		3787	g/sq m	
Flex-Aire™ cushion carpet tile							
Total Minimum Recycled Content	41.3%						
Pre-Consumer	16.7%						
Post-Consumer	24.6%						
Product Size	24" x 24"		(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	152.8	151.7	oz/sq yd +/-5%	5180	5143	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

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