



## Celestial #11688

## Product Specification

Face Construction	Imperial	Metric
Construction	Stratatec® Patterned Loop	
Face Weight	14 oz/sq yd	474.6 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	0.157 inch	4.0 mm
Pile Thickness	0.076 inch	1.9 mm
Total Finished Product Thickness	Powerbond® hybrid carpet tile: .309 inch ethos® carpet tile with Omnicoat Technology®: .203 inch Flex-Aire™ cushion carpet tile: .309 inch	
Pile Density	6,632 oz/cu yd	245.4 kg/cu m Kilotex 7.9
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	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
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

- 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  
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Dalton, GA 30721  
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[www.tarkett.com](http://www.tarkett.com)



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	74.7%				
Pre-Consumer	40.3%				
Post-Consumer	34.4%				
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	92.1	oz/sq yd +/-5%		3122	g/sq m

**Flex-Aire™ cushion carpet tile**

Total Minimum Recycled Content	38.0%				
Pre-Consumer	12.9%				
Post-Consumer	25.2%				
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	112.8	111.7	oz/sq yd +/-5%	3824	3787 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	29.1%				
Pre-Consumer	19.6%				
Post-Consumer	9.5%				
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	74.1	72.7	oz/sq yd +/-5%	2512	2465 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