

# MACHINE TUFTED CARPET TILE

## PERFORMANCE AND SPECIFICATION

### Specification

Collection	: FLATLANDS		
Construction	: Multi Level Texture Tufted		
Yarn Content	: 100% Solution Dyed Nylon		
Machine Gauge	: 1/10	inch	
Pile Height	: 3 - 4	mm	0.118-0.157 inch
Total Weight	: 2730	gm/sm	80.5 oz/sy
Primary Backing	: Non Woven Polyester Spunbonded		
Secondary Backing	: <b>EcoSoft®</b> , Recycled PET Cushion Back		
Tile Size	: 50 x 50 cm, 25 x 100 cm		

### Performance Test and Treatment

Surface Flammability	ASTM D2859 / CPSC FF 1-70 Pill Test Pass
Hot Metal Nut	BS 4790 Low Radius
Radiant Panel Test	ASTM E648 Class 1
Smoke Density	ASTM E662 < 450
Fire Classification	BS EN 13501
Indoor Air Quality	CRI Green Label Plus
Electrostatic Propensity	AATCC 134 < 3.0 KV
End Use Classification	BS EN 1307 Class 33 - Heavy Commercial
Castor Chair Index	BS EN 985 ≥ 3.5
Dimensional Stability	BS EN 986 < 0.15%
Colorfastness to Light	ISO 105 B02 Minimum L6
Sound Absorption	BS EN ISO 354 NRC 0.3 or higher
Treatments	Stain and Soil Protection, Anti Microbial (Optional) & Antiviral (Optional)

### LEED Credit Contribution

#### Material & Resources:

Environmental Product Declarations	Option 1: Environmental Product Declarations (EPD) Option 2: Embodied Carbon/LCA Optimization
Sourcing of Raw Materials	Option 2: Recycled Content
Material Ingredients	Option 1: Material Ingredient Reporting: Health Product Declaration Option 2: Material Ingredient Optimization: REACH Optimization

#### Indoor Environmental Quality:

Low Emitting Materials	CRI Green Label Plus Certified
Acoustic Performance	Option 2: Acoustical Finishes and Site Exterior Noise

### Installation Method

50 x 50 cm.



Checkerboard

25 x 100 cm.



Herringbone

### Certification and Standards



We apply strict quality control at all stages of production, in compliance with ISO 9001. However, the carpet manufacturing process is a complex series of operations and variations in the specifications could occur. This will not have any detrimental effect on the performance of the product. We reserve the right to amend this specification without prior notice.

**Disclaimer - Visibility of Modular Carpet Tile butt-joint.** Due to the organic nature of some modular carpet tile patterns, there may be occasions where a darker line appears at the side/end seams within some colors, especially for 'Plank' installations. This is a natural characteristic of the random textural effect visible upon the floor and is not considered nor accepted as a product defect.

**Specification**

Collection	: FLATLANDS		
Construction	: Multi Level Texture Tufted		
Yarn Content	: 100% Solution Dyed Nylon		
Machine Gauge	: 1/10	inch	
Pile Height	: 3 - 4	mm	0.118-0.157 inch
Total Weight	: 3340	gm/sm	98.5 oz/sy
Primary Backing	: Non Woven Polyester Spunbonded		
Secondary Backing	: <b>EcoSquare®</b> , Reinforced Recycled Hard Back		
Tile Size	: 50 x 50 cm, 25 x 100 cm		

**Performance Test and Treatment**

Surface Flammability	ASTM D2859 / CPSC FF 1-70 Pill Test Pass
Hot Metal Nut	BS 4790 Low Radius
Radiant Panel Test	ASTM E648 Class 1
Smoke Density	ASTM E662 < 450
Fire Classification	BS EN 13501
Indoor Air Quality	CRI Green Label Plus
Electrostatic Propensity	AATCC 134 < 3.0 KV
End Use Classification	BS EN 1307 Class 33 - Heavy Commercial
Castor Chair Index	BS EN 985 ≥ 2.4
Dimensional Stability	BS EN 986 < 0.15%
Colorfastness to Light	ISO 105 B02 Minimum L6
Sound Absorption	BS EN ISO 354 NRC 0.15 or higher
Treatments	Stain and Soil Protection, Anti Microbial (Optional) & Antiviral (Optional)

**LEED Credit Contribution**

**Material & Resources:**

Sourcing of Raw Materials	Option 2: Recycled Content
Material Ingredients	Option 1: Material Ingredient Reporting: Health Product Declaration Option 2: Material Ingredient Optimization: REACH Optimization

**Indoor Environmental Quality:**

Low Emitting Materials	CRI Green Label Plus Certified
Acoustic Performance	Option 2: Acoustical Finishes and Site Exterior Noise

**Installation Method**

**50 x 50 cm.**



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