# MACHINE TUFTED CARPET TILE
## PERFORMANCE AND SPECIFICATION

Carpets Inter®

### Specification

| | | | | |
|---|---|---|---|---|
| Collection | : BRIGHT LIGHT BIG CITY : BANGKOK - NANA | | | |
| Construction | : Multi-Level Texture Loop | | | |
| Yarn Content | : 100% Solution Dyed Nylon | | | |
| Machine Gauge | : 1/12 | inch | | |
| Pile Height | : 3.0 - 5.0 | mm | 0.118 - 0.197 | inch |
| Total Weight | : 2605 | gm/sm | 76.8 | oz/sy |
| Primary Backing | : Non Woven Polyester Spunbonded | | | |
| Secondary Backing | : **EcoSoft x®**, Recycled PET Cushion Back | | | |
| Tile Size | : 1 x 1 | m | | |

### 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 < 3.5 KV |
| End Use Classification | BS EN 1307 Class 33 - Heavy Commercial |
| Castor Chair Index | BS EN 985 ≥ 2.4 |
| Dimensional Stability | BS EN 986 < 0.20% |
| Colorfastness to Light | ISO 105 B02 Minimum L6 |
| Sound Absorption | ASTM C423 NRC 0.30 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)<br>Option 2. Embodied Carbon/LCA Optimization |
| Sourcing of Raw Materials | Option 2: Recycled Content |
| Material Ingredients | Option 1: Material Ingredient Reporting: Health Product Declaration<br>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



Checkerboard

### 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 textual effect visible upon the floor and is not considered nor accepted as a product defect.

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| Construction | : Multi-Level Texture Loop | | | |
| Yarn Content | : 100% Solution Dyed Nylon | | | |
| Machine Gauge | : 1/12 | inch | | |
| Pile Height | : 3.0 - 5.0 | mm | 0.118 - 0.197 | inch |
| Total Weight | : 3015 | gm/sm | 88.9 | oz/sy |
| Primary Backing | : Non Woven Polyester Spunbonded | | | |
| Secondary Backing | : **EcoSoft®**, Recycled PET Cushion Back | | | |
| Tile Size | : 1 x 1 | m | | |

### 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 < 3.5 KV |
| End Use Classification | BS EN 1307 Class 33 - Heavy Commercial |
| Castor Chair Index | BS EN 985 ≥ 2.4 |
| Dimensional Stability | BS EN 986 < 0.20% |
| Colorfastness to Light | ISO 105 B02 Minimum L6 |
| Sound Absorption | ASTM C423 NRC 0.35 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)<br>Option 2. Embodied Carbon/LCA Optimization |
| Sourcing of Raw Materials | Option 2: Recycled Content |
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| Construction | : Multi-Level Texture Loop | | | |
| Yarn Content | : 100% Solution Dyed Nylon | | | |
| Machine Gauge | : 1/12 | inch | | |
| Pile Height | : 3.0 - 5.0 | mm | 0.118 - 0.197 | inch |
| Total Weight | : 3625 | gm/sm | 106.9 | oz/sy |
| Primary Backing | : Non Woven Polyester Spunbonded | | | |
| Secondary Backing | : **EcoSquare®**, Reinforced Recycled Hard Back | | | |
| Tile Size | : 1 x 1 | m | | |

## Performance Test and Treatment

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| Dimensional Stability | BS EN 986 < 0.20% |
| Colorfastness to Light | ISO 105 B02 Minimum L6 |
| Sound Absorption | ASTM C423 NRC 0.15 or higher |
| Treatments | Stain and Soil Protection, Anti Microbial (Optional) & Antiviral (Optional) |

## LEED Credit Contribution

**Material & Resources:**

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|---|---|
| Sourcing of Raw Materials | Option 2: Recycled Content |
| Material Ingredients | Option 1: Material Ingredient Reporting: Health Product Declaration<br>Option 2: Material Ingredient Optimization: REACH Optimization |

**Indoor Environmental Quality:**

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|---|---|
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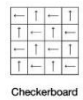
## Installation Method


Checkerboard

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