

StaticSmart® LAN 4.1 Colonial Series

Level 2 ESD Carpet Tile

PHYSICAL PROPERTIES

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| Construction | Tufted |
| Texture | Multi-Level Pattern Loop |
| Gauge | 1/10 |
| Density | 6,416 |
| Recycled Content | 42.9% |
| Stitches per Inch | 11.0 |
| Average Pile Height | 0.120 inch (3.04 mm) |
| Fiber | Premium Branded ECO Solution Q Nylon |
| Dye Method | 100% Solution Dyed |
| Conductive Fiber Technology | Continuous Conductive StaticSmart Monofilament |
| Tufted Yarn Weight | 22 oz. per sq. yd. (745.93 g/m2) |
| Standard Size | 24" x 24" (60.9 cm x 60.9 cm) |

Installation Method



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| Primary Backing System | Non-Woven Synthetic |
| Secondary Backing System | EcoWorx® Backing 100% PVC-Free, Phthalate-Free, Recyclable and made from Recycled Material |
| Protective Treatments | ssp® Shaw Soil Protection |
| Indoor Air Quality | Green Label Plus Certification |
| Cradle to Cradle Certification™ | Silver Level |
| Flammability | ASTM E-648 Flooring Radiant Panel - Class 1 |
| Smoke Density | ASTM E-662 NBS Less than 450 |
| TARR | Severe Duty: >3.5 |
| <small>(Texture & Appearance Retention Rating)</small> | |
| Warranty | Lifetime Static Protection Lifetime Limited Commercial Warranty |
| Availability | No Minimums |
| Packaging | 12 tiles per carton / 5.33 sq. yd. |

STATIC CONTROL PROPERTIES

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| Electrostatic Propensity | ESD STM 97.2 (w/ Conductive Footwear) — Less than 20 V AATCC 134-06 (w/o Conductive Footwear) — Less than 0.4 kV (400 volts) |
| Electrical Resistance | ESD S7.1/NFPA 99 Resistive/Resistance Characterization of Materials: RTT Six or more readings between points placed 3 feet apart. Tested with an applied voltage of 100 V. Measured in ohms, 2.5×10^4 Minimum, 1.0×10^8 Maximum. RTG Six or more readings from surface to groundable point. Tested with an applied voltage of 100 V. Measured in ohms, 2.5×10^4 Minimum, 1.0×10^8 Maximum Static Dissipative: 1.0×10^6 Minimum ohms, 1.0×10^9 Maximum ohms |
| Electrical Resistance / Voltage Test Footwear/Flooring System per ANSI/ESD S20.20-2014 | Compliant when using approved footwear Results within required limits: < 1×10^9 ohms and < 100 volts Roller Caster Electrical Test (CET) Assessment: After 100,000 Chair Caster Cycles there was no appreciable change in conductivity or electrical performance. Lab data available on request. |
| Groundable Path | StaticSmart Ground Strip or RTG Connector Kit |
| Grounding Frequency | 1 per 1,000 sq. ft. |
| Adhesive Requirement | StaticSmart SDT+ Conductive Resilient Adhesive |