



O'NEIL/Standard Color



FAULKNER/Standard Color



WHEATLEY/Standard Color



HEMINGWAY/Standard Color



SMITH/Standard Color



WIGGLESWORTH/Standard Color

StaticSmart® LAN 4.1 Colonial Series

Level 2 ESD Carpet Tile

PHYSICAL PROPERTIES

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/m ²)
Standard Size	24" x 24" (60.9 cm x 60.9 cm)

Installation Method



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

(Texture & Appearance Retention Rating)

Warranty	Lifetime Static Protection Lifetime Limited Commercial Warranty
Availability	No Minimums
Packaging	12 tiles per carton / 5.33 sq. yd.

STATIC CONTROL PROPERTIES

Electrostatic Propensity	ESD STM 97.2 (w/ Conductive Footwear) — Less than 20 V AATCC 134-06 (w/o Conductive Footwear) — Less than 1.0 kV (1,000 volts)
Electrical Resistance	ANSI/ESD S7.1 < 1.0 x 10 ⁹ ohms
Electrical Resistance & Voltage Generation Footwear/Flooring System	ANSI/ESD S20.20 - 2014 Compliant when using approved footwear. Results within required limits: <1 x 10 ⁹ ohms and <100 volts peak
D.O.D. HDBK236A, Section 40.1.2	Meets recommended guidelines for sensitive ESD Devices, Class 1.
FAA-STD-019f	Compliant
Motorola R56	Compliant
ATIS-0600321.2010	Compliant
Groundable Path	StaticSmart Ground Strip or RTG Connector Kit
Grounding Frequency	1 per 1,000 sq. ft.
Adhesive Requirement	ESDvantage Conductive Adhesive