

StaticSmart PosiTile MC Features

- Conductivity distributed over 100% of carpet surface
- Permanent performance
- Meets ANSI/ESD S20.20
- Hundreds of color choices
- Ultrasonically welded buttons provide precise alignment and stability without using adhesives
- One-to-One fit for panel by panel flexibility
- No Adhesive Necessary
- Lifetime warranty
- StaticSmart is the ONLY PosiTile product designed and warranted for use in Mission Critical environments.

PosiTile MC Applications

- Electronics Manufacturing, Assembly, Test and Repair
- Offices located inside electronics manufacturing or test areas
- Any area where circuit boards are handled or used
- Engineering areas
- Design areas
- Research and Development
- Electronics labs
- 911 applications
- Mission critical NOCs
- Flight Control Towers, TRACON, ARTCC and AFSS facilities
- Pentagon
- NASA
- NSA
- Armed Forces Command Centers

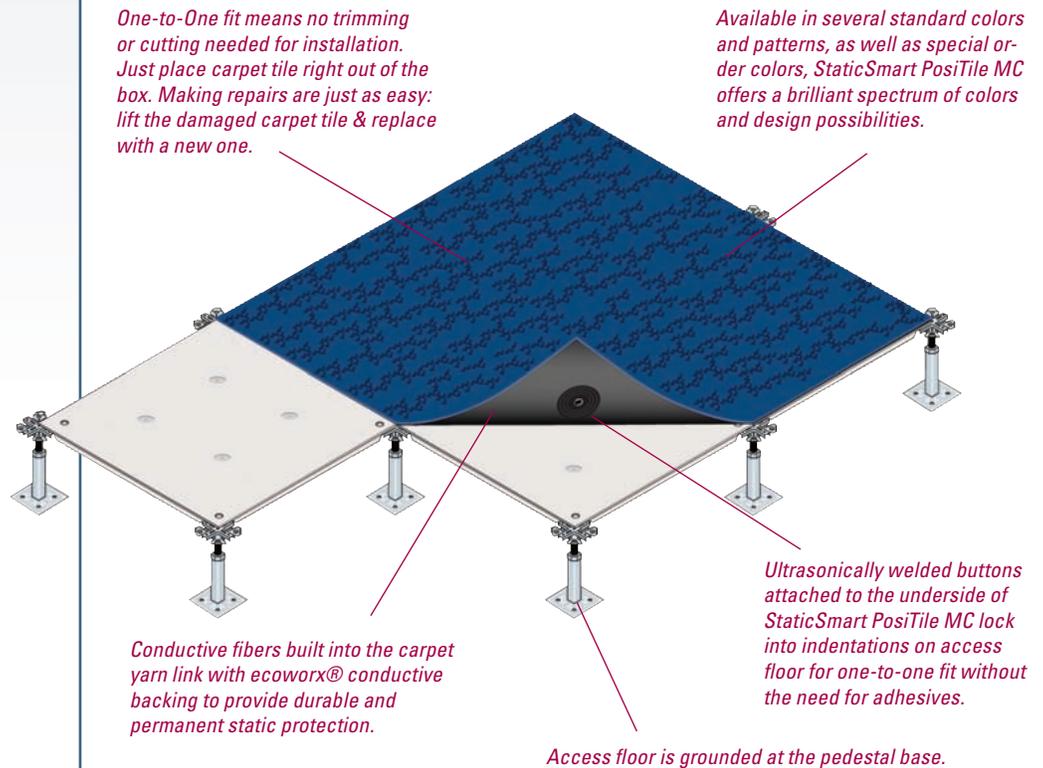
StaticSmart PosiTile MC for Access Floors

PosiTile MC combines StaticSmart’s state-of-the-art static control properties with the patented one-to-one PosiTile design.

Regular antistatic carpet suppresses static. But suppressing static isn’t enough to protect sensitive electronic components. Today’s faster, more capable electronics can be damaged by a charge well under 1000 volts — a charge you can’t even feel. To protect high speed computer equipment, static charges must be removed.

StaticSmart PosiTile MC is redundantly designed, with conductive fibers woven into the yarn bundle, creating an infinite number of contact points. These contact points provide a fast path to ground, to quickly and effectively remove static charges.

StaticSmart™ PosiTile MC. For places where the loss of data could jeopardize security or pose a threat to safety and health: 911 call centers — Flight Operations — Command Centers.



StaticSmart PosiTile MC: The ONLY PosiTile Product Designed and Warranted for Mission Critical Areas

**PosiTile LAN also available for applications in non-mission critical areas. For information, contact a Julie representative.*



ROLLER
 CASTER
 ELECTRICAL
 TEST
 PROVEN

PosiTile MC ESD CARPET TILE Specifications



StaticSmart PosiTile MC

- Carpet Description:** 1 carpet tile with 4 positioning buttons to match 1 Tate™ ConCore® access floor panel. Available in Discovery, Frontier & Presidential Series carpet lines.
- Panel Description:** ConCore® 1000 Panel with PosiLock understructure
- Positioning Mechanism:** 4 Ultrasonically Welded Buttons
- Positioning Mechanism Rolling Load:** 400lbs. at 10,000 passes
- Size:** 23.98" x 23.98"

	DISCOVERY ECO SERIES	PRESIDENTIAL SERIES
A. CONSTRUCTION		
Yarn oz./sq. yd.:	24 oz. / 813.76 g/m ²	22 oz. / 745.93 g/m ²
Conductive Fiber:	StaticSmart™ FibreLink ESD conductive fiber in every tuft in all StaticSmart ESD Carpet Tile products.	
Construction:	Textured loop, straight/PSP w/ECC Roll *Cortez: Textured graphic loop	Textured loop
Stitches per inch:	9.83 s.p.i.	12.66 s.p.i.
Pile Height:	0.156 in. / 3.96 mm	0.156in. / 3.96 mm
Fiber:	Premium branded solution dyed ECO solution Q nylon *Cortez: Performa SD type 6 nylon	100% Eco Solution Q (R) Nylon
Backing:	Conductive Ecoworx® backing, 4 Ultrasonically Welded positioning buttons to match 1 Tate™ ConCore® access floor panel.	
Total Weight:	98.98 oz./sq. yd.	99.00 oz./sq. yd.

C. PHYSICAL PROPERTIES

- Sound Absorption Test:** ASTM C423-90: Noise reduction coefficient, NRC > .25
- Radiant Panel Test:** ASTM E-648: Average critical radiant flux, Class 1(≥ .45 w/cm2)
- NBS Smoke Test:** ASTM E-662: Smoke density, < 450

C. ELECTRICAL PROPERTIES

- kV Rating:** AATCC 134-1996 electrostatic propensity: Less than 2 kV. Tested at 20% relative humidity at 20° C and 70° F.
- 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 100V. Measured in Ohms, 2.5 x 10⁴ minimum, 1.0 x 10⁸ maximum. RTG six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5 x 10⁴ minimum, 1.0 x 10⁸ maximum
- Electrical Resistance/Voltage Test ANSI/ESD S-20.20, compliant when using approved conductive footwear system. Results within recommended range < 35 x 10⁶ Ohm or < 100 volts
- D.O.D. HDBK263A, Section 40.1.2: Meets recommended guidelines for sensitive ESD devices, Class 1.
- Meets FAA-STD-019e and Motorola R56 standards and guidelines for static control flooring.
- Roller Caster Electrical Test (CET) Assessment. After 100,000 chair caster cycles there was no depreciable change in conductivity or electrical performance.
- Availability:** Minimums may apply, please call for details.

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**This information is accurate and current but may be subject to change without notice. REV 3/09



CARSON/Standard



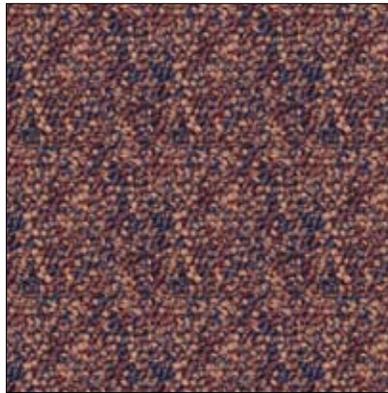
HOUSTON/Standard



GALILEO/Standard



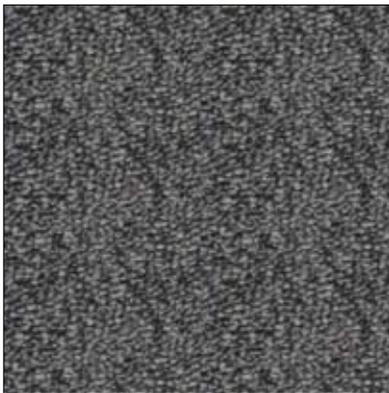
MAGELLAN/Standard



EARP/Standard



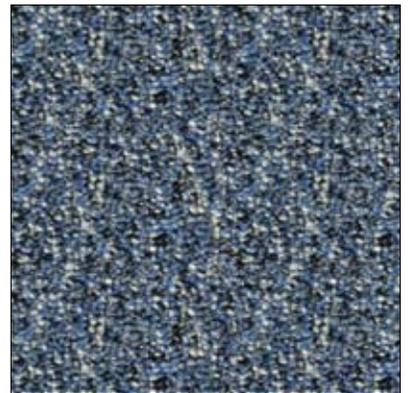
CORTEZ/Special Order*



SHACKLETON GREY/Standard



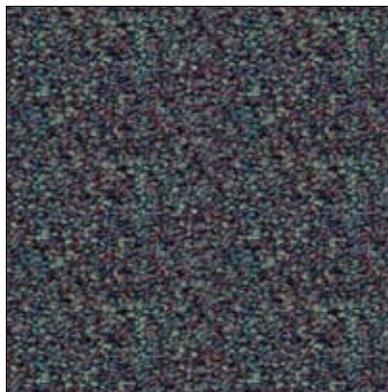
RALEIGH/Standard



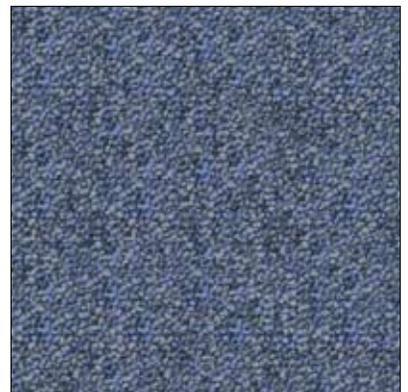
LIVINGSTONE/Standard



CROCKETT/Standard



DRAKE/Standard



COLUMBUS BLUE/Standard

PRESIDENTIAL SERIES | Mission Critical Flooring



ADAMS/Standard Color



WASHINGTON/Standard Color



MADISON/Standard Color



ROOSEVELT/Standard Color



TRUMAN/Standard Color



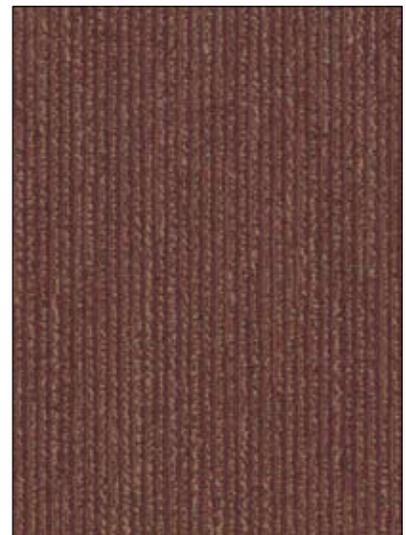
JACKSON/Standard Color



LINCOLN/Special Order



JEFFERSON/Special Order



MONROE/Special Order

PRESIDENTIAL SERIES Specifications



PRESIDENTIAL SERIES SPECIFICATIONS

Construction:	Textured loop	
Yarn Weight:	22 oz./sq. yd.	813.76 g/sm
Total Weight:	99 oz./sq. yd.	
Stitches per Inch:	12.66 / in.	38.7/10 cm
Average Density:	8,703 oz./yd. ³	
Pile Height:	0.156"	3.96 mm
Gauge:	1/10	39.37/10 cm
Fiber: 	Premium Branded Solution Dyed ECO Solution Q Nylon	
Tile Size:	24" x 24"	60.96 cm x 60.96 cm
Conductive Fiber:	Continuous conductive StaticSmart™ FibreLink monofilament	
Electrostatic Propensity:	ESD STM 97.2 (w/conductive footwear) Less than 20 Volts 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 100V. Measured in Ohms, 2.5 x 10 ⁴ minimum, 1.0 x 10 ⁸ maximum. RTG six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5 x 10 ⁴ minimum, 1.0 x 10 ⁸ maximum Electrical Resistance/Voltage Test ANSI/ESD S-20.20, compliant when using approved conductive footwear system. Results within recommended range < 35 x 10 ⁶ Ohm or < 100 volts D.O.D. HDBK263A, Section 40.1.2: Meets recommended guidelines for sensitive ESD devices, Class 1. Meets FAA-STD-019e and Motorola R56 standards and guidelines for static control flooring. Roller Caster Electrical Test (CET) Assessment. After 100,000 chair caster cycles there was no depreciable 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.	
Backing System: 	Conductive Ecoworx® backing - 100% PVC-free recyclable, made from recycled material	
Adhesives:	Conductive releasable adhesive for carpet tile 1.0 x 10 ⁶ Ohms RTT	
Sustainability: 	Platinum Certification under NSF/ANSI Standard 140 - 2007	
Availability:	Standard Colors, no minimums. Special Order, minimums may apply, please call for details.	
Flammability:	ASTM E-648 flooring radiant panel - Class 1 (≥ .45 W/cm ²) ASTM E-662 NBS smoke density - less than 450	
Installation:	Quarter-turn, ashlar	
Warranty:	Ltd. Lifetime Commercial Warranty	

N + 1 PERMANENT STATIC PROTECTION

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LAN 1.0 CLASSIC

Technology Protection Carpet
with Advanced Static Control



STATIC CONTROL FLOORING



LAN 1 01122 OLIVE TWIST/*Special Order - Call for Minimums



LAN 1 01031 CLOUDBURST/*Special Order - Call for Minimums



LAN 1 01119 SILVER LINING/*Special Order - Call for Minimums



LAN 1 01020 BLACK FOREST/*Special Order - Call for Minimums

Static Electricity Must Be Controlled

In today's fast-paced and often understaffed office environment companies rely more than ever on their computer systems and networks to deliver data accurately, reliably, and at lightning fast speed. Computer glitches, delays, and system crashes caused by unwanted static electricity discharges are an all too common problem and a real threat to equipment, data and productivity. In the past, only two options were available for addressing static electricity concerns in non-mission critical environments. The client could either upgrade to a low kV carpet, settle for spotty performance and hope for the best. Or, they could over-specify and purchase "Professional Grade" carpet tile for mission critical applications and blow their budget. Now there's a better option.

A Flooring Solution for Today's Technology

Julie Industries is proud to announce the launch of StaticSmart LAN carpet tile with advanced static control. StaticSmart LAN incorporates all of the best features of StaticSmart Mission Critical carpet tile: permanent static control, targeted electrical conductivity, high recyclable content, and the rugged EcoWorx backing system. StaticSmart LAN was designed to meet the rigorous demands of the networked office environment without sacrificing style and without breaking the bank.

Performance You Can Count On

StaticSmart LAN outperforms low kV carpet every time. Low kV carpet can minimize static charge build-up on people; but it does nothing to remove existing static charges. StaticSmart LAN safely bleeds off existing static charges on personnel with each step they take and it minimizes static charge build-up. Independent test results have shown StaticSmart LAN to have a maximum static build-up or charge generation of less than 400 volts compared with 2,000 volts or higher with standard low kV carpet.

A Company You Can Trust

Julie Industries has been providing StaticSmart Flooring solutions to companies for over 35 years. Our StaticSmart products are engineered for long lasting protection and we stand behind them with the best warranties in the industry. Our group of static control flooring specialists are always available to help you find the right solution for your static control challenges.



LAN 1.0 CLASSIC Specifications

LAN 1.0 CLASSIC SPECIFICATIONS

Construction:	Textured Graphic Loop
Yarn Weight:	24 oz./sq. yd.
Total Weight:	107 oz./sq. yd.
Stitches per Inch:	9 / in.
Average Density:	5,538 oz./yd. ³
Pile Height:	0.120 in.
Gauge:	1/10
Fiber: 	ECO Solution Q Nylon
Tile Size:	24" x 24"

APPLICATIONS:

Computer Rooms / Computer Labs*
Bank Data Centers*
Reservation Centers*
Networked Offices*

***NOTE:** LAN Series Carpet Tile is **NOT** suitable for use in **Mission Critical Areas**, such as Air Traffic Operations Areas, 911 Call Centers, or Electronic Manufacturing - including Manufacturing, Test, Storage and Lab areas. StaticSmart Fail-Safe Mission Critical Carpet tile is recommended for these areas. Call 1-800-225-6052 for additional information.

Conductive Fiber:	Continuous conductive StaticSmart™ FibreLink monofilament
Electrostatic Propensity:	AATCC 134-06 (w/o conductive footwear) Less than 1.0 kV
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 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^9 maximum. RTG six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^9 maximum
Groundable Path:	StaticSmart™ ground strip or RTG Connector Kit
Grounding Frequency:	1 per 1,000 sq. ft.
Backing System: 	Dissipative eco*worx tile - 100% PVC-free recyclable, made from recycled material

ADVANCED
STATIC CONTROL

Adhesives: 	Conductive releasable adhesive for carpet tile 1.0×10^6 Ohms RTT
Sustainability:	Platinum Certification under NSF/ANSI Standard 140 - 2007
Availability:	Standard Colors, no minimums. Special Order, minimums may apply, please call for details.
Flammability:	ASTM E-648 flooring radiant panel - Class 1 ($\geq .45 \text{ W/cm}^2$) ASTM E-662 NBS smoke density - less than 450

Installation:	Monolithic 
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Warranty:	Ltd. Lifetime Commercial Warranty
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Environmental:	<ul style="list-style-type: none"> • Cradle to Cradle Certified • Recipient of EPA Green Chemistry Challenge Award • Assessed through the McDonough Braungart Design Chemistry Protocol assuring health and human safety • PVC free • 30.6% recycled content contributing to LEED product certification • 40% lighter in weight than traditional carpet tile backing • Low VOC's meeting CRI Green Label and Green Lable Plus requirements
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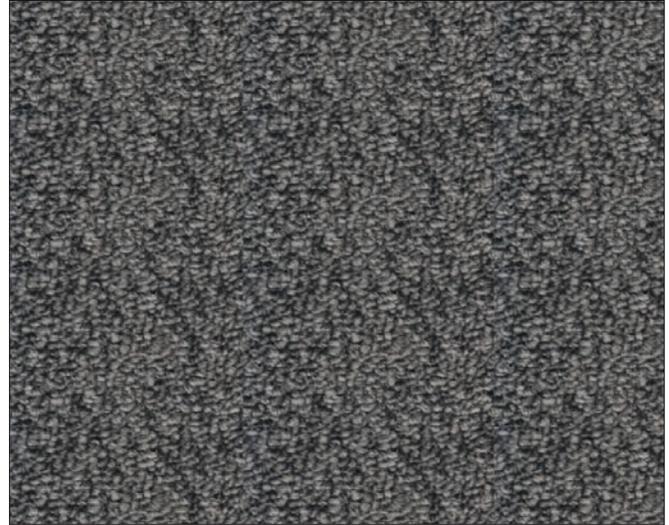
Performance:	<ul style="list-style-type: none"> • Superior performance to traditional carpet tile backing • 8x greater Tear Strength (ASTM D624) • 5x greater Tensile Strength (ASTM D3574) • 2x greater Delamination Strength (ASTM 3936)
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LAN 4.0 | Technology Protection Carpet
with Advanced Static Control



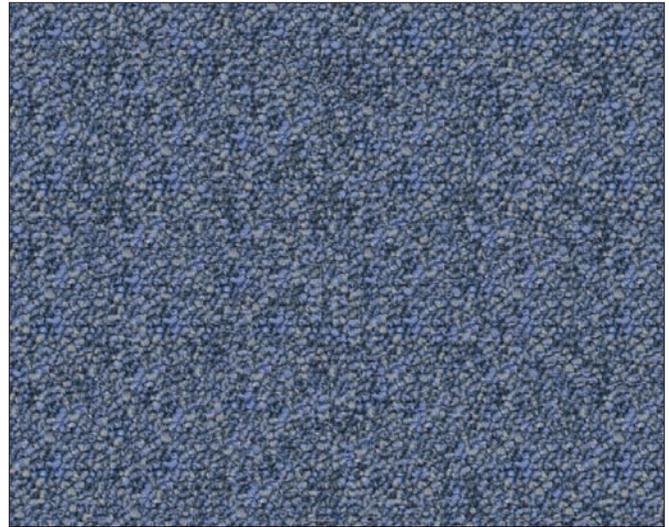
LAN 4.0 01014 HONEY/Standard



LAN 4.0 01024 STEEL GRAY/Standard



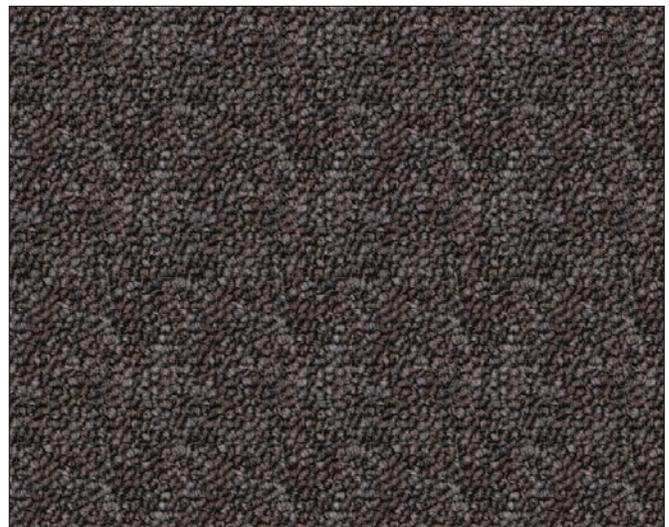
LAN 4.0 01015 OLIVE/Standard



LAN 4.0 01025 DEEP BLUE/Standard



LAN 4.0 01016 GOLDEN MOCHA/Standard



LAN 4.0 01026 MIDNIGHT/Standard



LAN 4.0 Specifications

Construction:	Textured Loop
Yarn Weight:	22 oz./sq. yd.
Total Weight:	96.98 oz./sq. yd.
Stitches per Inch:	9.0 / in.
Average Density:	5,077 oz./yd. ³
Pile Height:	0.156 in.
Gauge:	1/10
Fiber: 	ECO Solution Q Nylon
Tile Size:	24" x 24"

APPLICATIONS:

Computer Rooms / Computer Labs*
Bank Data Centers*
Reservation Centers*
Networked Offices*

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Conductive Fiber:	Continuous conductive StaticSmart™ FibreLink monofilament
Electrostatic Propensity:	AATCC 134-06 (w/o conductive footwear) Less than 1.0 kV
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 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^9 maximum. RTG six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^9 maximum
Groundable Path:	StaticSmart™ ground strip or RTG Connector Kit
Grounding Frequency:	1 per 1,000 sq. ft.
Backing System: 	Dissipative Ecoworx® backing - 100% PVC-free recyclable, made from recycled material

ADVANCED
STATIC CONTROL

Adhesives:	Conductive releasable adhesive for carpet tile 1.0×10^6 Ohms RTT
Sustainability: 	Platinum Certification under NSF/ANSI Standard 140 - 2007
Availability:	Standard Colors, no minimums. Special Order, minimums may apply, please call for details.
Flammability:	ASTM E-648 flooring radiant panel - Class 1 ($\geq .45 \text{ W/cm}^2$) ASTM E-662 NBS smoke density - less than 450
Installation:	Monolithic 
Warranty:	Ltd. Lifetime Commercial Warranty
Environmental:	<ul style="list-style-type: none"> • Cradle to Cradle Certified • Recipient of EPA Green Chemistry Challenge Award • Assessed through the McDonough Braungart Design Chemistry Protocol assuring health and human safety • PVC free • 39.3% recycled content contributing to LEED product certification • 40% lighter in weight than traditional carpet tile backing • Low VOC's meeting CRI Green Label and Green Label Plus requirements
Performance:	<ul style="list-style-type: none"> • Superior performance to traditional carpet tile backing • 8x greater Tear Strength (ASTM D624) • 5x greater Tensile Strength (ASTM D3574) • 2x greater Delamination Strength (ASTM 3936)

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LAN 4.0 SPECIFICATIONS

LAN 4.1 | Technology Protection Carpet
with Advanced Static Control



LAN 4.1 62103 EMERSON/Standard



LAN 4.1 62560 HEMINGWAY/Standard



LAN 4.1 62755 FAULKNER/Standard



LAN 4.1 62486 LONGFELLOW/Standard



LAN 4.1 62750 O'NEIL/Standard



LAN 4.1 62505 WHITMAN/Standard

LAN 4.1 Specifications



Construction:	Multi-level Patterned Loop
Yarn Weight:	22 oz./sq. yd.
Total Weight:	99 oz./sq. yd.
Stitches per Inch:	10.67 / in.
Average Density:	5,076 oz./yd. ³
Pile Height:	0.145 in.
Gauge:	1/12
Fiber: 	ECO Solution Q Nylon
Tile Size:	24" x 24"

APPLICATIONS:

Computer Rooms / Computer Labs*
Bank Data Centers*
Reservation Centers*
Networked Offices*

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Conductive Fiber:	Continuous conductive StaticSmart™ FibreLink monofilament
Electrostatic Propensity:	AATCC 134-06 (w/o conductive footwear) Less than 1.0 kV
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 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^9 maximum. RTG six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^9 maximum
Groundable Path:	StaticSmart™ ground strip or RTG Connector Kit
Grounding Frequency:	1 per 1,000 sq. ft.
Backing System: 	Conductive Ecoworx® backing - 100% PVC-free recyclable, made from recycled material

ADVANCED
STATIC CONTROL

Adhesives:	Conductive releasable adhesive for carpet tile 1.0×10^6 Ohms RTT
Sustainability: 	Platinum Certification under NSF/ANSI Standard 140 - 2007
Availability:	Standard Colors, no minimums. Special Order, minimums may apply, please call for details.
Flammability:	ASTM E-648 flooring radiant panel - Class 1 ($\geq .45 \text{ W/cm}^2$) ASTM E-662 NBS smoke density - less than 450

Installation:	Monolithic  Quarter-turn  Ashlar 
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Warranty: Ltd. Lifetime Commercial Warranty

- Environmental:**
- Cradle to Cradle Certified
 - Recipient of EPA Green Chemistry Challenge Award
 - Assessed through the McDonough Braungart Design Chemistry Protocol assuring health and human safety
 - PVC free
 - 40% recycled content contributing to LEED product certification
 - 40% lighter in weight than traditional carpet tile backing
 - Low VOC's meeting CRI Green Label and Green Lable Plus requirements

- Performance:**
- Superior performance to traditional carpet tile backing
 - 8x greater Tear Strength (ASTM D624)
 - 5x greater Tensile Strength (ASTM D3574)
 - 2x greater Delamination Strength (ASTM 3936)

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LAN 4.1 SPECIFICATIONS