staticSmart™ ENVIRONMENTS

Julie Industries

StaticSmart Carpet Tile

N + 1 MISSION CRITICAL ACCESS FLOORCOVERING

StaticSmart PosiTile *MC*

- Conductivity distributed over 100% of carpet surface
- Permanent performance
- Meets ANSI/ESD S20.20
- Hundreds of color choices
- One-to-One fit for panel by panel flexibility
- No Adhesive Necessary
- Lifetime warranty

PosiTile MC safely conducts static charges away from the environment without the need for adhesive or grounding strips

Exclusive fibrelink technology creates an infinite number of grounding points ensuring optimum static control in any mission critical environment

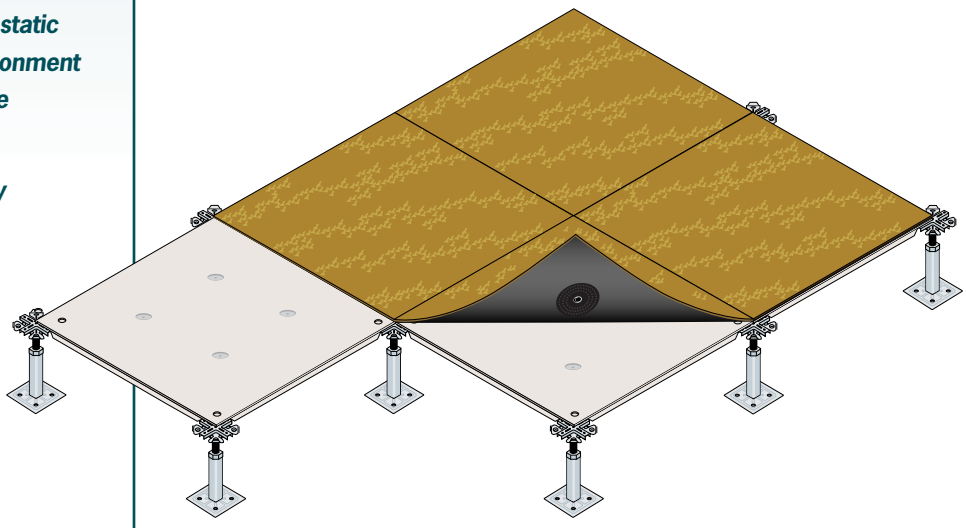
StaticSmart PosiTile MC for Access Floors

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.*

CRI GREEN LABEL PLUS

ETL ROLLER CASTER ELECTRICAL TEST PROVEN

PosiTile with StaticSmart™ ESD Carpet Tile
Technical Data

staticSmart™ ENVIRONMENTS

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Specifications

StaticSmart PosiTile *MC*

Carpet Description: 1 carpet tile with 4 positioning buttons to match 1 Tate™ ConCore® access floor panel

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"

StaticSmart™ ESD Discovery Classic/Contempo & Frontier

A. Construction Factors:

Yarn oz./sq. yd.: Classic/Contempo: 24 oz., Frontier 22 oz.

Conductive Fiber: StaticSmart™ FibreLink ESD conductive fiber in every tuft

Construction: Classic - textured loop, straight/PSP with ECC Roll, Contempo - textured graphic loop, Frontier - textured loop

Stitches per inch: Classic - 11 s.p.i., Contempo - 10 s.p.i., Frontier - 9 s.p.i.

Pile Height: Classic/Contempo: high - 4.78 mm, Frontier: 2.39 mm

Fiber: Classic: Solutia LXI nylon, Contempo: Performa SD type 6 nylon Frontier: 91% ECO Solution Q BCF SD Nylon/9% Yarn Dyed BCF Nylon

Backing: Dissipative StaticSmart backing, 100% PVC-Free recyclable, made from recycled material

Total Weight: Classic/Contempo: 98.98 oz./sq. yd., Frontier: 96.98 oz./sq. yd.

B. 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˚ Celsius and 70˚ Fahrenheit.

Electrical Resistance: ESD S7.1 Resistive Characterization of Materials: Six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 1.0 x 10^5 minimum, 1.0 x 10^8 maximum

ESD S7.1 Resistance Characterization of Materials: Six or more readings between electrodes placed 1 foot apart. Tested with an applied voltage of 100V. Measured in Ohms, 2.5 x 10^4 minimum, 5.0 x 10^7 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.

ROLLER CASTER ELECTRICAL TEST PROVEN

Information: For more information, please contact Julie Industries Customer Service at 978-276-0820, Monday-Friday between 8:30 am and 5:00 pm EST.

FEATURES

- **One-to-One fit for panel-by-panel total install flexibility**
- **Ultrasonically welded buttons provide precise alignment and stability without using adhesives**
- **StaticSmart™ technology providing you with redundant static protection and uncompromising performance in any environment**
- **The ONLY PosiTile product designed and Warranted for use in Mission Critical environments**

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

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