CIRCUIT CG CARPET TILE
ESD Carpet Tile Specifications
24" X 24", 48 square feet to a carton

PRODUCT OVERVIEW: Circuit CG is advanced static control carpeting designed to greatly reduce the electrostatic potential that can devastate esd sensitive advanced electronics. Circuit CG meets the most stringent of indoor air quality standards for emissions while the antimicrobial additives protect employees from a broad spectrum of molds, mildews and odor causing microorganisms. Circuit CG is Cradle to Cradle Certified and a recipient of the EPA Green Chemistry Challenge Award. It's PVC Free and it's static control backing is 40% lighter than traditional carpeting making it a perfect choice for controlling the damaging effects of electrostatic discharge.

Construction	Multi-level Patterned Loop
Yarn Weight / Total Weight	22 oz./sq. yd. 93 oz./sq. yd.
Stitches per Inch	11 / in.
Average Density	7,009 oz./yd.^{3}
Pile Height	0.113 in.
Gauge	1/12
Fiber	ECO Solution Q Nylon
Tile Size	24" x 24"
Conductive Fiber	Continuous monofilament
Electrostatic Propensity	AATCC 134-06 (w/o conductive footwear) <1.0kV
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. > 2.5E04 <1.0E09. Resistance to Ground six or more readings from surface to groundable point. Tested with an applied voltage of 100 v. Measured in ohms >1.0E06 <1.0E09.
Groundable Strips	Copper or Aluminum strips (supplied at no charge with each order
Ground Frequency	1 per 1,000 sq. / ft.
Backing System	Ecoworx ®* - 100% PVC free recyclable, made from recycled material
Adhesives	ESDVantage

Availability	No minimums
Flammability	ASTM E-648 flooring radiant panel - Class 1 ($\geq$ .45W/cm^2) ASTM E-662 NBS smoke density: <450
[Installation](#)	Monolithic, Quarter Turn or Ashlar (see installation guide for full details).
Environmental	- Platinum Certification under NSF/ANSI Standard 140-2007 - Cradle to Cradle Certified - Recipient of EPA Green Chemistry Challenge Award - Assessed through the McDonugh Braungart Chemistry Protocol assuring health and human safety. - PVC Free - Recycled content contributing to LEED product certification - Inquire for specific details. 40% lighter in weight than traditional carpet tile backing. - Low VOC's meet CRI Green Label and Green Label Plus requirements.
Performance and Warranty	- Superior performance compared to traditional carpet tile backing. - Ltd Lifetime Commercial Warranty 8X greater Tear Strength (ASTM D624). 5X greater Tensile Strength (ASTM D3574). 2X greater Delamination Strength (ASTM 3936) *Ecoworx® is a registered trademark of Shaw, a Berkshire Hathaway Company. The above information is accurate and current but may be subject to change without notice.

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