



## FreeStyle ESD™ Cuts Costly Downtime to the Bare Minimum

Electronics manufacturing can be a tough business. Quality standards are high and delivery requirements can be brutal. Meeting strict delivery deadlines while complying with rigorous ESD Static control audit requirements is challenging but noncompliance with audit requirements can be fatal and downtime is extremely costly. FreeStyle ESD™ meets the challenge. It will pass the toughest standards in the industry yet requires virtually no floor preparation, no messy adhesives and no specialized installation expertise. It can be installed directly over existing flooring. No adhesive means no cure times so it is ready for immediate use.

### FreeStyle ESD™ Ensures a Reliable Installation

- Minimal downtime, disruption, or surface preparation
- Much lower life-cycle costs
- Quick changeover process
- Portability for future moves
- High indent resistance to withstand heavy loads
- Performs where most adhesive-applied products fail, including over high-moisture subfloors
- Requires minimal subfloor prep
- Lifetime electrical warranty / 10-Year Wear Warranty

### FreeStyle ESD™ is Best in Class

- Available in stylish design patterns and decorative colors
- Tile-to-tile monolithic/seamless appearance
- Waffle pattern backing for comfort under foot



*"If you do a full cost analysis of FreeStyle ESD vs. glue down products, FreeStyle is a no-brainer. It was easy to install and it looks great. It is incredibly comfortable underfoot, which is an added bonus for our workers."*



## Crestron



*Crestron, a leading manufacturer of audio systems and control systems needed to upgrade and replace ESD flooring in 45,000 square feet of manufacturing space. Conventional glue-down products were disruptive and time-consuming and Crestron could not afford to shut down to do the upgrades. FreeStyle ESD™ was the solution. Crestron did the installations over weekends, installing 6,000 square feet at a time directly over the existing floor and without removing equipment. After each installation phase production resumed on the following Monday without a hitch. Crestron's state of the art FreeStyle ESD flooring meets all audit requirements and saves time and money.*



## Limited 10-Year Warranty

FreeStyle ESD™ is manufactured to provide a durable and long-lasting floor covering under a range of temperature and exposure conditions and is backed by a 10-Year limited warranty against wear. Ask your FreeStyle ESD™ dealer for more details on this Limited 10-Year Warranty.

## Installation

FreeStyle ESD™ is a 18.5" x 18.5" (2.38 sq. ft./tile) interlocking floor tile. A plastic tipped mallet or deadhead hammer should be used for joining these products. Tiles can be cut using a utility knife, vinyl-tile cutter, or jig saw. FreeStyle ESD™ is a free-lay system and does not require the use of adhesives. FreeStyle ESD™ may be installed over concrete, wood, asbestos tile, rubber, vinyl, composite tiles, and other standard floors. A 3/8" gap around the perimeter should be left to allow for expansion and contraction. The floor must be grounded properly to ensure proper discharge of static charges. For more detailed instructions, consult the FreeStyle ESD™ Installation Guide.

## Regular Maintenance

FreeStyle ESD™ is easy to clean and maintain. The tiles can be cleaned with standard neutral cleansers or other acceptable cleansers. The tiles can be cleaned by hand using a mop or sponge. A power scrubber or buffer can also be used to clean particularly tough stains and soiling.

## Architectural Specifications


All floors shown in the Finish Schedule or listed in this specification shall be FreeStyle ESD™ Resilient Flooring, manufactured by SelecTech, Inc. Avon, MA. The product should have an electrical resistance of between  $2.5 \times 10^4$  and  $10^6$  Ohms for conductive flooring applications and  $10^6$  to  $10^9$  Ohms for static dissipative applications as measured pursuant to ANSI/ESD 7.1. The product shall be an interlocking floor tile and be available in 18.5" x 18.5" squares (nominal) and with a thickness of 0.375 inches. The product shall offer a 10-Year Limited Warranty against wear as detailed in the FreeStyle ESD™ Warranty brochure. The tiles shall be installed as a free-lay product without adhesives. Installation shall be as recommended in the FreeStyle ESD™ Installation Guide.

## For more information contact:

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**Visit our ESD website at [www.StaticStop.com](http://www.StaticStop.com)**



## Physical Properties

Dimensions	18.5" x 18.5" x 0.375"
Thickness	0.375"
Effective Coverage	2.38 square feet per tile
Weight	5.2 lbs per tile
Reference Specification ASTM F-1700	Conforms
Critical Radiant Flux ASTM E-648	> 1.0 W/cm <sup>2</sup> Meets Class I Fire Rating
Smoke Density ASTM E-662	≤ 450
Chemical Resistance ASTM F-925	Excellent resistance to Acids, Alkalis, House- hold Chemicals
Recycled Content 	Minimum 20% Post-Industrial Materials

## Solvent/Stain Resistance

FreeStyle ESD™ has been tested for solvent/stain resistance per ASTM F-925-96 against a number of fluids, such as oils, acids, solvents, and staining agents.

## Electrical Properties

	FreeStyle Conductive	FreeStyle Dissipative
Electrical Resistance ESD S7.1	$2.5 \times 10^4$ to $1.0 \times 10^6$ Ohms	$1.0 \times 10^6$ to $1.0 \times 10^9$ Ohms
Electrostatic Propensity* ESD STM 97.2	<10 volts	<30 volts
Static Decay Method 4046	< 0.01 seconds	< 0.02 seconds
Grounding	Concrete Floor Access Floor	Every 1000 Sq. Ft. Every 3000 Sq. Ft.

\* All competitive conductive flooring (regardless of material composition or manufacturer) requires appropriate conductive footwear to achieve results in this range.