

## FreeStyle ESD™ Passes Inspection in Sensitive Screening Areas

FreeStyle ESD™, the ONLY free-floating, static-control flooring available, is the perfect choice for tough environments like inspection areas and test and measurement labs. These areas are often tucked away in locations that were not originally designed for static control. Retrofitting these areas can be time consuming, costly, and may not result in a reliable static-protected environment. With FreeStyle ESD™, tiles can be installed directly on top of any existing hard surface flooring. The tiles have a conductive top layer and a conductive base and connect electrically when interlocked, thus making the entire floor a stand-alone static-control plane that doesn't have to rely on conductive adhesives or copper foil strips. Quite simply, FreeStyle ESD™ is the most reliable static-control flooring available and can be used in any environment.

### 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



*"We were under the gun to get this project done quickly to meet the needs of an important customer and couldn't afford to shut down our operations. With FreeStyle ESD™, we did the work over the weekend and were back in business on Monday morning."*



## Oxygen Electronics



*Oxygen Electronics had a receiving area that needed static-control flooring and needed it in a hurry. With an old, irregular subfloor, installing glue-down ESD flooring would have required costly and time-consuming preparation of the subfloor and may not have given them a floor that could hold up to the demands of their operations. With FreeStyle ESD, they were able to make the conversion to an ESD floor in just one weekend.*



## 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) inter-locking 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.