

# FreeStyle™ ESD

## Interlocking Static Control Floor Tiles

**FreeStyle™ ESD** is the **WORLD'S FIRST** and **ONLY** Free-Floating, Static Control Flooring System Utilizing a Patented “Hidden Zipper-Lock” Connection



### Interlocking Tabs Make Installation A Snap:

**FreeStyle™ ESD** manufactured by StaticStop.com (“the ESD Flooring Experts”) is available in static dissipative or conductive Meg-Ohm ratings and is easy to install with no need for conductive adhesives.

- No Adhesive Required
- Interlocks Provide Tile-to-Tile Electrical Connection
- Install over Existing Floors
- Eliminate Downtime

### Also Available as a Glue Down Tile.





## Limited 10-Year Warranty

**FreeStyle™ ESD** is a durable floor covering and is backed by a lifetime electrical and 10 year limited wear warranty. Ask your **FreeStyle™ ESD** dealer for more details on our warranties.

## Installation-Interlocking

**FreeStyle™ ESD** is a 18.5" x 18.5" (2.38 sq. ft./tile) interlocking floor tile. A plastic deadhead hammer should be used for joining these products. Tiles can be cut using a vinyl-tile cutter, circular saw, jig saw, or other power saws. **FreeStyle™ ESD** is a free-lay system and does not require the use of adhesives. **FreeStyle™ ESD** may be installed over concrete, wood, 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.

## Installation-Gluedown

The 2 millimeter top surface of **FreeStyle™ ESD** is also available as a glue down product using a conductive adhesive. For glue down installations, the surface must be properly prepared and free of moisture, dirt, oils, and other foreign materials to ensure a reliable bond with the adhesive. For more detailed instructions, consult the **FreeStyle™ CVT** Installation Guide.

## Regular Maintenance

**FreeStyle™ ESD** is easy to clean and maintain. The tiles can be cleaned with standard neutral cleansers. We recommend our ProtectOhm cleaner for best results. 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. Walk-behind auto-scrubbers can also be used in larger applications.

## 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). This product shall offer a lifetime electrical and 10 year limited wear warranty 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.

## 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.

## Physical Properties

<b>Dimensions</b>	18.5" x 18.5"
<b>Thickness of Interlocking</b>	FS2: 0.375", FS4: 0.34"
<b>Effective Coverage</b>	2.38 square feet per tile
<b>Weight of Interlocking</b>	FS2: 6.5 lbs; FS4: 5.4 lbs
<b>Reference Specification</b> ASTM F-1700	Conforms
<b>Critical Radiant Flux</b> ASTM E-648	> 1.0 W/cm <sup>2</sup> Meets Class I Fire Rating
<b>Smoke Density</b> ASTM E-662	≤ 450
<b>Chemical Resistance</b> ASTM F-925	Excellent resistance to Acids, Alkalis, Household Chemicals
<b>Recycled Content</b> (Interlocking Tile Only)	Minimum 20% Post-Industrial Materials
<b>Weight of Glue-Down</b>	1.95 lbs
<b>Thickness of Glue-Down</b>	2 mm

## Electrical Properties

	<b>FreeStyle CONDUCTIVE**</b>	<b>FreeStyle DISSIPATIVE</b>
<b>Electrical Resistance</b> ESD S7.1 at 15% RH	$2.5 \times 10^4$ to $10^6$ Ohms	$10^6$ to $1.0 \times 10^9$ Ohms
<b>Electrostatic Propensity*</b> ESD STM 97.2 at 15% RH AATCC-134 at 15% RH	<10 volts	<30 volts
<b>Static Decay Method 4046</b> at 15% RH	<0.01 seconds	<0.02 seconds

**Grounding:** Concrete Floor: Every 1000 Sq. Ft.  
Access Floor: Every 3000 Sq. Ft.

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

### For more information contact:

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