

# FreeStyle™ ESD Classic

## Interlocking Static Control Floor Tiles

**FreeStyle™ ESD Classic** 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 Classic** manufactured by StaticStop, a division of SelecTech Inc. is available in static dissipative or conductive Meg-Ohm ratings and is easy to install with no need for conductive adhesives.

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

Also Available as a Glue Down Tile.





Conductive



Connected



Grounded

## Limited 10-Year Warranty

**FreeStyle™ ESD Classic** is a durable floor covering and is backed by a lifetime electrical and 10 year limited wear warranty. See our **Manufacturer's Limited Warranty for Modular Floor Tiles** for more details.

## Installation-Interlocking

**FreeStyle™ ESD Classic** is a 18.5" x 18.5" (2.38 sq. ft./tile) interlocking floor tile. A plastic deadhead hammer or carpet seam roller 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 Classic** is a free-lay system and does not require the use of adhesives. **FreeStyle™ ESD Classic** 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™** Installation Guide.

## Installation-Gluedown

The 2 millimeter top surface of **FreeStyle™ ESD Classic** is also available as a glue down product using a conductive adhesive. For glue down installations, the subfloor must be properly prepared and free of moisture, dirt, oils, and other foreign materials to ensure a reliable bond with the adhesive. For additional information on our glue down products see our **Ground Floor™ ESD, Classic, Plus** and **Designer Series** brochures.

## Regular Maintenance

**FreeStyle™ ESD Classic** 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. See the applicable **Maintenance Guidelines** for additional information.

## Architectural Specifications

All floors shown in the Finish Schedule or listed in this specification shall be **FreeStyle™ ESD Classic** Resilient Flooring, manufactured by SelecTech, Inc. Avon, MA. The product should have an electrical resistance of between  $2.5 \times 10^4$  and  $1 \times 10^6$  Ohms for conductive flooring applications and  $1 \times 10^6$  to  $1.0 \times 10^9$  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 our Manufacturer's Limited Warranty. The tiles shall be installed as a free-lay product without adhesives. Installation shall be as recommended in the **FreeStyle™ ESD Classic** Installation Guide.

## Solvent/Stain Resistance

**FreeStyle™ ESD Classic** 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

Dimensions	18.5" x 18.5"
Thickness	0.34"
Effective Coverage	2.38 square feet per tile
Weight	5.4 lbs
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, Household Chemicals
Recycled Content (Interlocking Tile Only)	Minimum 20% Post-Industrial Materials

## Electrical Properties

	FreeStyle ESD CONDUCTIVE	FreeStyle ESD DISSIPATIVE
Electrical Resistance ESD STM7.1 at 12% and 50% RH	$2.5 \times 10^4$ to $10^4$ Ohms	$10^6$ to $1.0 \times 10^9$ Ohms
Body Voltage Generation* ESD STM 97.2 at 12% RH	<50 volts	<100 volts

ANSI/ESD § 20.20: Complies

**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:

StaticStop (a division of SelecTech, Inc.)  
33 Wales Ave, Unit F, Avon, MA. 02322  
Phone: (877) 738-4537  
E-mail: info@staticstop.com  
Visit our ESD website at [www.StaticStop.com](http://www.StaticStop.com)