

# 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 or Copper Foil 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 Tiles** for more detailed information.

## 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.

## 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.

## 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.

## 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 comply with ANSI ESD S 20.20 and 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 agent.

## Physical Properties

|  |   |
|--|---|
| Dimensions of Interlocking                   | 18.5" x 18.5"   |
| Thickness of Interlocking                    | 0.34"   |
| Effective Coverage                           | 2.38 sq. ft. per Interlocking Tile                          |
| Weight of Interlocking                       | 5.4 lbs   |
| Reference Specification<br>ASTM F-1700       | Conforms  |
| Critical Radiant Flux<br>ASTM E-648          | > 1.0 W/cm <sup>2</sup><br>Meets Class I Fire Rating        |
| Smoke Density<br>ASTM E-662                  | ≥ 450   |
| Chemical Resistance<br>ASTM F-925            | Excellent resistance to Acids, Alkalis, Household Chemicals |
| Recycled Content<br>(Interlocking Tile Only) | Minimum 20% Post-Industrial Materials                       |

## Electrical Properties

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

**ANSI/ESD S 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)