FreeStyle ESD™

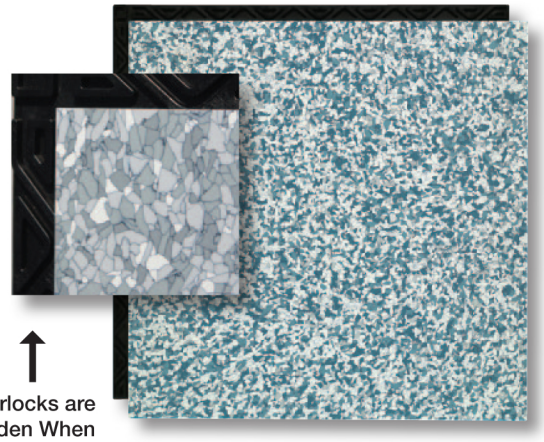
"Interlocking Static Control Floor Tiles"

Conductive • Connected • Grounded

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 without the need for conductive adhesives or copper foil strips.



Interlocks are Hidden When Tiles are Connected

No Adhesive or Copper Foil Required

FreeStyle ESD™ is Versatile Enough for a Variety of Applications such as:

Technology Environments

- Electronic Manufacturing
- Printed Circuit Board Assembly
- Semiconductor Device Fabrication
- High-Reliability Design/Test Labs
- Component Assembly
- Pick & Place/Reflow/Wave Solder/SMT
- Computer Repair/Bench Top Work Stations

Mission Critical

- Raised Access Floor Environments
- Large Data Centers/Server Rooms
- Central Apparatus/Master Control Rooms
- CCTV Monitoring Centers
- Federal/State/Municipal Operation Centers
- 9-1-1 Dispatch/Aviation Communications
- Command/Control/Disaster Recovery Rooms

FreeStyle ESD™ and LEED™

- Recyclable (Cradle-to-Cradle) Take Back Program
- 100% Reusable
- RoHS Compliant

contributes to LEED points

MINIMUM 20% RECYCLED CONTENT

EMI EOS approved ESD rated

FreeStyle ESD™ Ensures a Reliable Installation

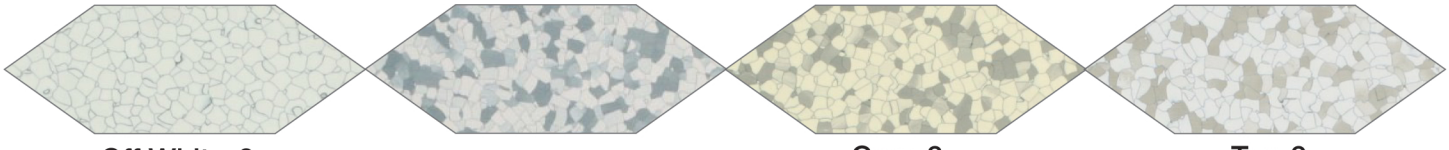
- Minimal downtime, disruption or surface preparation
- Life-cycle costs are significantly reduced
- Quick changeover process (no wax or adhesive needed)
- Portability - floor can be disassembled and moved
- High indent resistance to withstand heavy loads

FreeStyle ESD™ is Perfect for Sub-Floor Moisture Problems

- Performs where most conventional adhesive applied products fail
- Minimal Floor Preparation

FreeStyle ESD™ Is Best In Class

- Offers continuous static control value polarity
- Stylish design patterns/decorative stock colors
- Tile-to-Tile monolithic/seamless appearance
- Waffle pattern backing for comfort under foot
- 10 year commercial warranty



Off White-2 (stock) | Steel Blue-2 | Gray-2 (stock) | Tan-2 (stock)

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 x 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 witout adhesives. Installation shall be as recommended in the **FreeStyle ESD**™ Installation Guide.

Distributed by:

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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/cm2 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	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 at 15% RH	2.5 x 10^4 to 1.0 x 10^6 Ohms	1.0 x 10^6 to 1.0 x 10^9 Ohms
Electrostatic Propensity* ESD STM 97.2 AATCC-134 at 15% RH	<10 volts	<30 volts
Static Decay Method 4046 at 15% RH	< 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.