StaticStop
by SelecTech

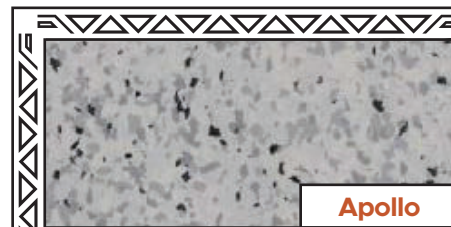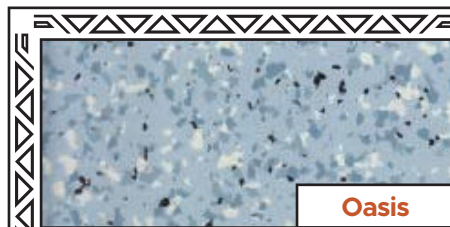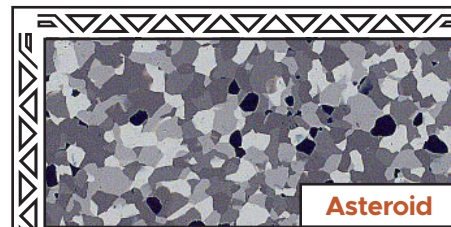**Conductive**   **Connected**   **Grounded**

FreeStyle ESD™ PLUS
Interlocking Static Control Floor Tiles

FreeStyle ESD™ PLUS is a Free-Floating ESD Flooring System with a patented hidden interlock PLUS an advanced polymer surface for easy maintenance.

Blizzard

Asteroid

Oasis

Apollo

Don't see a color you like? Ask about our extensive custom color options.
Top Surface Also available as a glue-down sheet.

Interlocking Tabs Make Installation A Snap:

FreeStyle ESD™ PLUS manufactured by StaticStop.com, a division of SelecTech, is available in static dissipative or conductive Meg-Ohm ratings and is easy to install without the need for conductive adhesives or copper foil. **FreeStyle ESD™ PLUS** has a state of the art polymer surface that provides best in class maintainability.

- ⊘ No Adhesive or Copper Foil Required
- ⊘ No Copper Grid Required
- ⊘ Interlocks Provide Tile-to-Tile Electrical Connection
- ⊘ Install Over Existing Floors
- ⊘ Eliminate Downtime
- ⊘ Advanced Polymer Surface for Easy Maintenance

Warranty

FreeStyle ESD™ PLUS is manufactured to provide a durable and long-lasting floor covering under a range of temperature and exposure conditions. It is backed by a Lifetime Electrical and 10-Year limited warranty against wear. See our **Manufacturer's Limited Warranty for Modular Floor Tiles** for more detailed information.

Installation-Interlocking

FreeStyle ESD™ PLUS is a 18.5" square (2.38 sq. ft./tile) interlocking floor tile. A plastic deadhead hammer or a 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™ PLUS** is a free-lay system and does not require the use of adhesives.

FreeStyle ESD™ PLUS may be installed over concrete, wood, asbestos tile, rubber, vinyl, composite tiles, and other standard floors. A 3/8" gap around the perimeter and along any other vertical surface 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™ PLUS is easy to clean and maintain. The tiles should be cleaned with an ESD cleaner. 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.

Installation-Gluedown

FreeStyle ESD™ PLUS is also available in top-sheet-only for direct glue down using a conductive adhesive. For glue down installation, 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 additional information on our glue-down products see our **Ground Floor ESD™ Classic, Ground Floor ESD™ PLUS,** or **Ground Floor ESD™ Designer Series** brochures.

Architectural Specifications

All floors shown in the Finish Schedule or listed in this specification shall be **FreeStyle ESD™ PLUS** 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 2.5×10^4 and 1×10^6 Ohms for conductive flooring applications and 1×10^6 to 1.0×10^9 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™ PLUS** Installation Guide.

Solvent/Stain Resistance

FreeStyle ESD™ PLUS 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 ASTM F-1700	Conforms
Critical Radiant Fluz 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

Electrical Properties

	FreeStyle ESD CONDUCTIVE	FreeStyle ESD DISSIPATIVE
Electrical Resistance ESD STM7.1 at 12% and 50% RH	2.5 to 10^4 to 10^6 Ohms	10^6 to 1.0×10^9 Ohms
Body Voltage Generation* 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:

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