

FreeStyle ESD™ 8400 Series

Interlocking Static Control Floor Tiles

FreeStyle ESD™ 8400 Series is a Free-Floating ESD Flooring System with a Patented Hidden Interlock PLUS an advanced polymer surface for Easy Maintenance.



Interlocking Tabs Make Installation A Snap:

FreeStyle ESD™ 8400 Series manufactured by Static-Stop, a division of SelecTech Inc, is easy to install without the need for conductive adhesives or copper foil. FreeStyle ESD™ 8400 Series has a state of the art finish 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





Conductive



Connected



Grounded

Limited 10-Year Warranty

FreeStyle ESD™ 8400 Series is manufactured to provide a durable and long-lasting floor covering under a range of temperature and exposure conditions and is backed by a Lifetime warranty for electrical properties and a 10-Year limited warranty against wear. See our **Manufacturer's Limited Warranty for Modular Tiles** for more detailed information.

Installation-Interlocking

FreeStyle ESD™ 8400 Series is a 18.5" square (2.38 sq. 18.5 ft. / tile) interlocking floor tile. A plastic deadhead hammer or carpet seam roller should be use for joining these products. Tiles can be cut using a vinyl-tile cutter, circular saw, jig saw, or other power saws. **FreeStyle ESD™ 8400 Series** is a free-lay system and does not require the use of adhesives. **FreeStyle ESD™ 8400 Series** 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 Installation Guide**.

Regular Maintenance

FreeStyle ESD™ 8400 Series 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.

Architectural Specifications

All floors shown in the Finish Schedule or listed in this specification shall be **FreeStyle ESD™ 8400 Series** 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™ 8400 Series** Installation Guide.

Solvent/Stain Resistance

FreeStyle ESD™ 8400 Series 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 Flux ASTM E-648	> 1.1 W/cm ² 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 CONDUCTIVE
Electrical Resistance ESD S7.1 at 15% RH	2.5×10^4 to 1.0×10^6 Ohms
Electrostatic Propensity* ESD STM 97.2 at 15% RH	< 25 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