

FreeStyle ESD PLUS™

Interlocking Static Control Floor Tiles

FreeStyle ESD Plus™ is a **Free-Floating ESD** Flooring System with a patented hidden interlock PLUS a Polyurethane finish for exceptionally easy maintenance.



Don't see a color you like? Ask about our extensive custom color options.

Also available as a glue-down sheet.

Interlocking Tabs Make Installation A Snap:

FreeStyle ESD PLUS™ 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. FreeStyle ESD PLUS™ has a state of the art polyurethane finish that provides best in class maintainability

- No Adhesive or Copper Foil Required
- Interlocks Provide Tile-to-Tile Electrical Connection
- Install over Existing Floors
- Eliminate Downtime
- Polyurethane / Ceramic Finish 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 and is backed by a Lifetime Electrical and a 10-Year limited warranty against wear. See our **FreeStyle ESD** Warranty 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 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 ESD PLUS™** 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 specific and detailed instructions, please see our installation guidelines.

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	18.5" x 18.5"
Thickness of Interlocking	0.34"
Thickness of Glue Down	2 mm
Effective Coverage	2.38 square feet per tile
Weight of Interlocking	5.4 lbs
Weight of Glue Down	1.4 lbs
Reference Specification ASTM F-1700	Conforms
Critical Radiant Flux ASTM E-648	> 1.0 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 (Interlocking Tile Only)	Minimum 20% Post-Industrial Materials

Electrical Properties

	FreeStyle ESD CONDUCTIVE	FreeStyle ESD DISSIPATIVE
Electrical Resistance ESD STM 7.1 at 12% and 50% RH	2.5 x 10 ⁴ to 10 ⁶ Ohms	10 ⁵ to 1.0 x 10 ⁹ Ohms
Body Voltage Generation* ESD STM 97.2 at 12% RH	<50 volts	<100 volts

Grounding: Concrete Floor: Every 1000 Sq. Ft.
Access Floor: Every 3000 Sq. Ft.

ESD S20.20: Complies

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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