

# SelecTile ESD™

“Interlocking Static Control Floor Tiles”



Conductive • Connected • Grounded

## SelecTile ESD™ is THE FIRST Modular, Static Control Flooring System Using Injection Molded Technology with Visible Interlocking Tabs

SelecTile 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 adhesive, copper foil strips, or underlayment.

SelecTile ESD™ is designed specifically for fork lift, pallet jack, heavy load equipment and server rack environments and is rugged, durable and versatile enough for a variety of installations such as:

### Mission Critical

- Raised Access Floor Environments
- Central Apparatus/Master Control/Server Rooms
- Federal/State/Municipal Operation Centers
- Command - Control/Emergency Operation Centers
- Security Shelters and Guard Booths
- Airport Equipment and Test Repair Zones
- TV/ Radio Production Studios

### ESD Environments

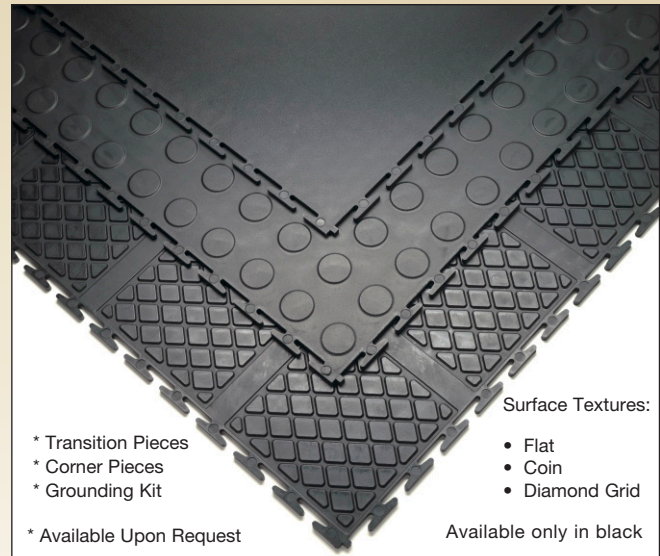
- Electronics Manufacturing
- Pick & Place/Reflow/Wave Solder/SMT
- Hardware Repair Rooms
- Shipping/Receiving/Loading Docks
- Stock/Parts/Inventory Supply Rooms

### SelecTile ESD™ offers

- Free-lay flooring concept
- Durability against high commercial traffic volumes
- High indent resistance to withstand heavy loads
- Comfort under foot
- 10 year commercial warranty

### SelecTile ESD™ and LEED™

- Recyclable (Cradle-to-Cradle) Take Back Program
- RoHS Compliant



- \* Transition Pieces
- \* Corner Pieces
- \* Grounding Kit

Surface Textures:

- Flat
- Coin
- Diamond Grid

\* Available Upon Request

Available only in black

**Interlocking Tabs - No Adhesive or Copper Foil Required**

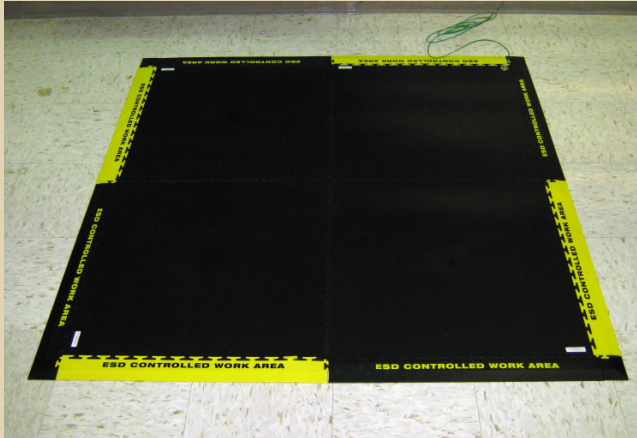
SelecTile ESD™ is easily installed over problem subfloors including:

- Concrete with high moisture emissions
- Cracked and stained concrete
- Difficult to remove old flooring
- Minimal down-time, disruption or loss of productivity

### ELECTROSTATIC PROPERTIES

	SelecTile ESD – Conductive	SelecTile ESD – Dissipative
Electrical Resistance ESD S7.1 at 15% RH	2.5 x 10 <sup>4</sup> to 2 x 10 <sup>6</sup> Ohms	1 x 10 <sup>6</sup> to 1 x 10 <sup>9</sup> Ohms
Electrostatic Propensity* ESD STM 97.2 AATCC-134 at 15% RH	<10 volts	<30 volts
Static Decay Test 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.



### REGULAR MAINTENANCE

SelecTile ESD™ is easy to clean and maintain. The tiles can be cleaned with ammonia and water 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.

### LIMITED 10-YEAR WARRANTY

SelecTile 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 SelecTile ESD™ dealer for more details on this Limited 10-Year Warranty.

### INSTALLATION

SelecTile ESD™ is a 23.75" x 23.75" (3.92 ft<sup>2</sup>/tile) interlocking floor tile available with a 24" x 2" interlocking transition strip and 2" x 2" corners. 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. SelecTile ESD™ is a free-lay system and does not require the use of adhesives. SelecTile 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 SelecTile ESD™ Installation Guide.


For more information contact:

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Visit our ESD website at [www.StaticStop.com](http://www.StaticStop.com)



### PRODUCT SPECIFICATIONS

Dimensions		Inches	24 x 24
Thickness		Inches	0.22
Weight		Lbs/Tile	6 ± 0.1
Effective Coverage		Ft <sup>2</sup> /Tile	3.92
Connection			Interlocking Edges
Abrasion Resistance	ASTM Taber Method 500 gram wheel 1000 cycles	Grams weight loss	<0.4
Reference Specification	ASTM F-1306		Exceeds Requirement
Smoke Density	ASTM E-662		450 or less
Critical Radiant Flux	ASTM E-648 Meets Class I Fire Rating	Watts/ cm <sup>2</sup>	≥ 0.45
Coefficient of Friction	ASTM D-2047 Conforms to ADA Specifications		0.7 – 0.8 (Depending on surface)
Recycled Content	Contributes to LEED™ Credits		Minimum 20% Post-Industrial Materials

### SOLVENT/STAIN RESISTANCE

SelecTile 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. The tiles showed no change (surface attack, color change, surface dulling) to the following:

Fluid	Effect	Effect	Effect
5% Acetic Acid	No Effect	No Effect	No Effect
Acetone	No Effect	No Effect	No Effect
28% Ammonia	No Effect	No Effect	No Effect
Animal Blood	No Effect	No Effect	No Effect
Carbon Tetrachloride	No Effect	No Effect	No Effect
Chloroform	No Effect	No Effect	No Effect
Cotton Seed Oil	No Effect	No Effect	No Effect
95% Ethyl Alcohol	No Effect	No Effect	No Effect
Ethyl Acetate	No Effect	No Effect	No Effect
37% Formaldehyde	No Effect	No Effect	No Effect
Gasoline	No Effect	No Effect	No Effect
30% Hydrogen Peroxide	No Effect	No Effect	No Effect
Methanol	No Effect	No Effect	No Effect
Mineral Oil	No Effect	No Effect	No Effect
0.5% Muriatic Acid	No Effect	No Effect	No Effect
50% Sodium Hydroxide	No Effect	No Effect	No Effect
98% Sulfuric Acid	No Effect	No Effect	No Effect
Tallow	No Effect	No Effect	No Effect
2% Tincture of Iodine	No Effect	No Effect	No Effect
Trichloroethylene	No Effect	No Effect	No Effect