



## Ground Zero Electrostatics ZeroStat Floor Termination & Grounding Kit

Ground Zero Electrostatics, Inc. provides the ZeroStat floor termination and grounding kit for use with most ESD Carpet, Vinyl, Rubber and Epoxy Floor coverings and coatings. This kit will ground 10,000 square feet of ESD Carpet, Vinyl, Rubber and Epoxy Flooring for installations in sensitive ESD environments and technical work spaces.

### The kit contains the following:



- (1) Roll of 1" wide x 108 lineal feet Copper Grounding Tape
- (10) Heavy gauge Stainless Steel Ground Termination Plates w/double sided conductive, self adhering tape. Note: Each ground plate has a 20" long lead wire with a #10 terminal ring at the end.
- (20) Cable Clips (2 clips per cable)

### Installation Instructions:

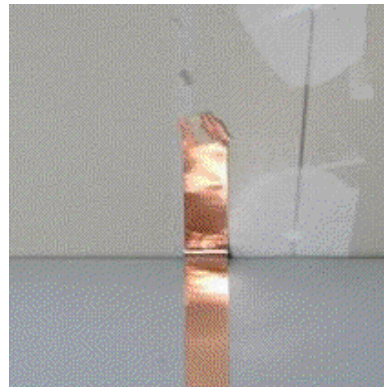
#### **STEP 1:**

Locate a standard AC 110v outlet(s) to connect to for grounding purposes. Your outlet(s) should be as evenly staggered as possible for every 1,000 square foot of flooring being installed.



#### **STEP 2:**

Aligned below the outlet and flush with the wall, roll out one 10' piece of copper tape down the wall, onto the floor substrate and toward the center of the room. Leave 3" of tape tacked up on the wall directly under the AC outlet and the remaining tape fully adhered to the floor subsurface, (you'll use this 3" piece, tacked to the wall later).





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### STEP 3:

Apply one 10' piece of copper for every 1,000 square feet of installed ESD flooring, following the procedure above. If your area is smaller than 1,000 square feet only (1) ground plate is required.

### STEP 4:

Once the ESD flooring is installed, go back to the 3" piece of copper strip you tacked up to the wall, fold that piece back onto the ESD Flooring, remove the adhesive liner from the back of the heavy gauge Stainless Steel Ground Plate, place the ground plate on top of the copper strip (sandwich), on the floor pressing firmly in place for about (1) minute. Take the 20" lead wire attached to the plate, running it up the wall, attached the #10 terminal ring to the center screw of your AC electrical face plate cover. Place your clips on the wire (these have a removable liner), and adhere to the wall to secure the lead wire neatly. The wire may be routed on the outside or inside of the face plate cover. Note: You may also attached the #10 terminal ring to ground bars, building superstructure, structural columns or to any known good earth ground source.

### STEP 5:

This grounding configuration is compliant with most state and local codes and provides a good mechanical connection for ESD flooring to the grounding system of your building. In some areas this procedure may require the use of a certified electrician; please adhere with local codes before beginning the grounding procedures.



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