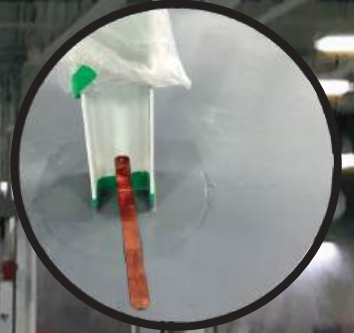




ESD

STEP-BY-STEP MANUAL





PERSONAL PROTECTION

It's always recommended to wear the appropriate Personal Protective Equipment (PPE) for the task at hand and follow your employer's safety policy. Commonly known PPE such as safety glasses, gloves, earplugs, respirators, etc. are recommended as needed.

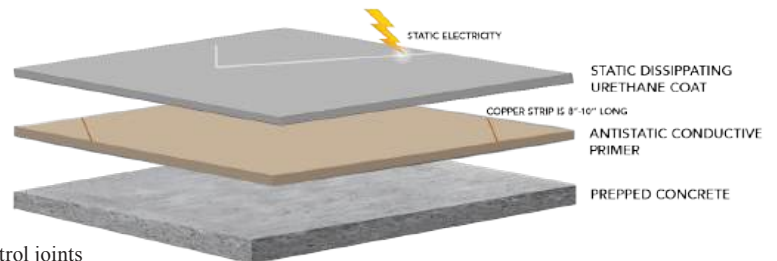
For further information on OSHA requirements, visit <https://www.osha.gov/Publications/osha3151.pdf>

INSTRUCTIONS:

PREP

(For in-depth instructions, see Prep Manual)

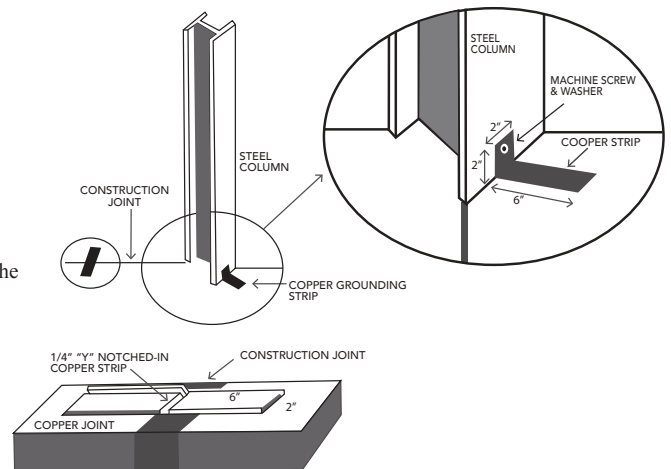
- 1 Prep surface to be coated by shot (brush) blasting/scarification
- 2 Use appropriate TCP repair products to fill holes, cracks & control joints
- 3 Thoroughly clean surface
- 4 Protect surfaces not to be coated using specialty tape, paper, plastic, etc



APPLICATION

PRIME COAT

- 1 Set up mix station
- 2 Slow mix Anti-Static Conductive Primer Part B into Anti-Static Conductive Primer Part A (1 part A to 1 part B) until color consistency, while scraping the sides of the container
- 3 Pour mixed product on floor in a ribbon pattern
- 4 Wearing spiked shoes and using an 1/8" notched squeegee, spread mixed Anti-Static Conductive Primer on floor
- 5 Using a 3/8" nap roller, backroll for consistent coverage
- 6 Let dry



INSTALLING COPPER STRIPS

- 1 Ground floor using 8" copper strips every 1,000 sq. ft. to floor
- 2 Run 2" up a steel column which is grounded and attach with screw and washer on the wall
- 3 As needed when going over construction joints, use 6" copper tape/strip to bridge joint

TOP COAT

- 1 Set up mix station
- 2 Slow mix Static Dissipating Urethane Top Coat Part B into Static Dissipating Urethane Top Coat Part A (1 part A to 1 part B) until color consistency, while scraping the sides of the container
- 3 Wearing spiked shoes, apply to floor using an 1/8" nap roller, or brush
- 4 Let dry
- 5 Do not apply multiple coats
- 6 Remove all protective specialty tape, paper, plastic, etc
- 7 Make sure project area is clean, presentable, and free from debris

ESD TESTING: OPTIONAL

- 1 Using a digital surface resist meter, be certain the floor is within spec range

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PRODUCTS & COVERAGE

Appropriate Concrete Protector repair products (see prep manual)

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 CT-1035	Xylene		
2 ESD-503	< AntiStatic Conductive Primer	200-300 sq. ft.per gallon	5-8 hours
3 ESD-505	< Static Dissipating Urethane	300- 500 sq. ft. per gallon	5-7 hours
ESD-509	Coat Copper Tape	18 yds. roll	

* Coverages and dry times vary depending on application techniques and temperature. Estimations are based on 70 degrees, 30 percent relative humidity. For more information, refer to TDS sheets.

> EXTERIOR ONLY

INTERIOR/EXTERIOR

< INTERIOR ONLY

TOOLS

SKU:	TOOL:
1 TP-7507	2" Green Specialty Tape
2 TL-7235	Mixing Tarps
3 TL-7361-- TL-7365	Asst Mixing Containers & Cups
4 RL-4325, RL-4335, RL-4319	4",9", or 18" Roller Frames
5 RL-4323, RL-4341, RL-4313	4", 9", or 18" 3/8" Nap Roller Covers
6 TCR-1001	WTF 18" Top Coat Roller
7 TL-7393, TL-7395	Threaded and Tapered Roller Poles
8 RL-4343	2" Chip Brushes
9 TL-7353, TL-7349	Spiked Shoes

SKU:	TOOL:
10 TL-7127	Large Low Viscosity Wand (for mixing epoxy)
11 ET-7255	1/8" Notched Squeegee
12 RL-4317	Roller End Caps
13 RL-4309	18" Paint Tray
14	Mixing Paddle
15	Digital Surface Resist Meter
16	Variable Speed Drill
17	5 Gallon Mixing Buckets

COST & PRICING

- 1 Typical Product Cost: \$1.40 - \$2.00 sq. ft.
- 2 Typical Pricing: \$6.00 - \$10.00 sq. ft.

BENEFITS & FEATURES

ESD Flooring is an electrostatic dissipating system. It is used for environments where static control is needed. This flooring is perfect for rooms with sensitive electronics, electronic manufacturing facilities, medical facilities, data centers, and airplane hangars.

- 1 Chemical Resistance
- 2 Helps control electrical static build up
- 3 Available in gray, light gray, and red
- 4 Creates Clean, quality appearance
- 5 Excellent Abrasion Resistance
- 6 VOC Compliant
- 7 Anti-static properties continue for the life of the coating

To learn advanced repair products, techniques, and in-depth methods on this system, go to decorativeconcrete.com or scan our QR code.



TIPS & TRICKS

- 1 Once the AntiStatic Conductive Prime Coat is applied, the next step (Static Dissipating Top Coat) must be applied within 24 hours
- 2 A tacky/soft epoxy or urethane is too early to start the next step
- 3 8" Copper strips are to be placed every 1,000 sq. ft.
- 4 Copper strips NEED to be grounded
- 5 Static Dissipating Urethane Top Coat is designed for 1 coat only
- 6 Assure that the AntiStatic Conductive Prime Coat is fully dry before applying Static Dissipating Urethane Top Coat
- 7 Check for chemical blush before applying Static Dissipating Urethane Top Coat and remove if needed
- 8 Do not "over-profile" the floor surface during the prep process
- 9 When doing specified work, it's a good idea to have your own Digital Surface Resist Meter
- 10 Do not add additional slip resistance aggregates as it will change the properties of the floor

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

WARNING: Antistatic flooring cannot protect against discharges from utility power. If the danger of coming in contact with the power mains is possible, the users must follow the usual electrical safety procedures precisely. Although this publication describes how clients may apply our products to achieve antistatic flooring and the information is based on our knowledge s present state, all recommendations are made without liability on our part. Since our products' actual application is not in our hands and special conditions prevailing at a particular job site might negatively influence floor 's antistatic properties.

Buyers and users of our products should make their own assessment of the floor 's antistatic properties immediately after it has been installed and at regular intervals after that.

We warrant that our products are manufactured according to specifications stated in our Technical Data Sheets (TDS).

The information supplied by us is accurate to the best of our knowledge.

Such information provided about our products is not a representation or a warranty.

All information regarding antistatic flooring products is provided on the condition that users undertake their own testing to determine our product s suitability for their particular use case.

Any use or application other than recommended use cases stated in our documentation is the user's sole responsibility.

No warranty is made, expressed, or implied regarding such other information, the data on which it is based, or the results you will obtain from its use.

No warranty is made, expressed, or implied that our product is merchantable or fit for any particular purpose

No warranty is made or implied that the use of any such information or product will not infringe upon any patent.

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Our liability is limited to our product's net selling price or the replacement of our product at our discretion.

Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty.

No representative is authorized to make any representation or warranty or assume any other liability on our behalf with our products' sale.

Our products contain chemicals that may cause serious injuries.

Before using any of our products, read the SAFETY DATA SHEET (SDS) and follow all appropriate precautions to prevent bodily harm.