

ELECTRAGLAZE ANTISTATIC FLOOR FINISH

For Use on All Types of ESD Flooring

Data Sheet & Application



Your existing ESD Floor is something to be proud of. *Any* ESD flooring materials is a substantial investment chosen to eliminate static **and** provide a high tech showplace for your Clients. But, scuff marks and dirt from the manufacturing environment can dull the value, reduce the performance and become a **cumbersome maintenance nightmare**.

ElectraGlaze significantly reduces scuff marks and maintenance cost. It's a sacrificial coating that is easy to apply, easy to maintain and easy to remove and re-apply if needed. ElectraGlaze is designed for real world traffic including forklifts, man lifts and foot traffic.

- ▶ **Reduces maintenance cost, long lasting and easy to apply**
- ▶ **Does NOT require stripping between re-applications**
- ▶ **Lowers static generation even with standard (non-conductive) footwear**
- ▶ **Meets UL slip resistance standards**
- ▶ **Pleasant low odor**
- ▶ **Low VOC content, meets Green and CA standards**
- ▶ **Biodegradable and environmentally oriented**
- ▶ **Perfect for ALL types of ESD flooring**

APPLICATION: This material is for use on ESD vinyl and all types of ESD hard surface flooring.

Heavy Duty Preparation: If the floor has been previously coated with a wax or factory applied finish or if the floor is extremely dirty the contaminants may be removed with ElectraStrip. ElectraStrip is an ESD floor finish stripper that rapidly removes multiple layers of floor finish as well as aggressive dirt, oils and many scuff marks.

Medium Duty Preparation: If the ESD floor has not been coated with an existing finish and is relatively clean damp mop of auto scrub the flooring using a dilute solution of 8 to 16 ounces of ElectraClean to a gallon of water.

If needed, scrub the floor with an abrasive pad that is course enough to get the job done but not so course as to scratch the floor. Be sure to remove all emulsified finish using a shop vac or auto-scrubber. Double rinse the floor with clean water and a dilute solution of ElectraClean (8 ounces to a gallon of water). Allow the floor to thoroughly dry. Using a clean Rayon finish mop or wax applicator, apply thin even coats of ElectraGlaze allowing finish to dry 2 to 4 hours between coats. Two thin coats are recommended for optimum performance on ESD Floors. Buffing is not required between coats unless a higher luster is desired. Note: Avoid application during high humidity conditions.

Note: To transform Standard VCT into a permanent ESD floor that easily passes ANSI ESD S 20.20 [please visit this hyperlink](#)



MAINTENANCE: Dry mop floors with an untreated mop daily to remove loose dirt, sand and other abrasives. As needed: damp mop or auto-scrub using ElectraClean to remove soils which can degrade the coating's gloss. Heavily soiled areas and scuff marks can be removed by spray buffing with ElectraShine. NOTE: Do not use plain water to damp mop your floor and do not apply diluted ElectraClean for at least 48 hours after initial application of the ElectraGlaze. If a high shine is required high speed polish with finest pad possible using coarser pads only as needed. For best results consider the use of a propane powered high speed polishing machine.

ELECTRICAL PERFORMANCE:

ESD Flooring: When used as a protective / sacrificial coating on ESD flooring no more than two or three thin coats are recommended. After application static conductive flooring will see a modest decrease in conductivity (approximately 1/2 decade).

SPECIFICATIONS
Electrostatic Decay per MIL-STD 3010C, Method 4046 at 12% Relative Humidity. <2 sec
ANSI ESD S20.20-2014, 97.2, 2 coats over esd conductive tiles: <100 volts
ANSI-ESD STM7.1-2013 on insulative surface: <1.0E10.
Slip Resistance per ASTM-D2047-5: > 0.5 min
% solids: >20%, ASTM D2834-34
pH: 7.25, ASTM E70-77
Gloss: 88 min, ASTM D1455-82
Recoatibility: Excellent, ASTM D3153-78
Rubber Heel Marks: 1.0, ASTM D1436-82/
Powdering Resistance: Excellent, ASTM D2048-82
Solubility in water: 100%
Freeze Thaw Stability: Passes 3 cycles
Biodegradable: yes
VOC content 80 grams per liter* (8% by weight) Meets CA code, title 17, div 3.
Shelf Life: 24 Months
Flash Point: none
Coverage: 1,500 to 2000 sf per gallon per coat.
Weight per 5 gallon container, 50 pounds.
Weight per case (4 each 1 gal containers) 40 Lbs.
Weight per gallon, 10 pounds.
*Storage: Store at an ambient temperature of 60 to 80 degrees Fahrenheit in a tightly sealed container. Do not expose container to direct sunlight for extended periods. Do not mix with other floor finishes or add left over product from previous applications. The shelf life of this product is two years from the date of purchase if these requirements have been achieved.

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