

# ELECTRAGLAZE ANTISTATIC FLOOR FINISH

## For Use on ESD & Standard Flooring

### DATA SHEET



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.*

Most esd floor manufacturers *never* recommend a finish, why? They simply don't understand the need. United SCP (like you and *your* company) KNOWS what these floors do for a living. ElectraGlaze significantly reduces scuff marks and maintenance cost. It's a sacrificial coating that's easy to apply easy o maintain and easy to remove once is usable service life has been exceeds. ElectraGlaze is designed for real world traffic of every type including forklifts, man lifts and foot traffic. If you appreciate scuff marks and high maintenance cost be sure to follow the esd flooring manufacturer's recommendations, should you want a floor for the real word use ElectraGlaze.

- ▶ Long lasting, easy to apply!
- ▶ Reduces maintenance cost.
- ▶ Perfect for sensitive electronics!
- ▶ Lowers static charge generation.
- ▶ Meets UL slip resistance standards.
- ▶ Pleasant low odor.
- ▶ Super low VOC content MEETS green standards\*
- ▶ Biodegradable environmentally oriented!
- ▶ Perfect for esd AND standard hard surface floors.

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ElectraGlaze is a unique, highly wear resistant; ESD (static control) floor finish specially formulated for use on all ESD conductive vinyls, non conductive VCT and standard vinyl. Unlike typical static control wax, our new innovative formulation features an incredibly tough, highly abrasion resistant, acrylic blend that actually *improves* the reduction of tribocharging without significantly altering the electrical resistivity of your esd flooring. With superior chemical and water resistance, excellent bond strength to all surfaces (including non PVC) and the best resistance to abrasions and scuff marks in the industry ElectraGlaze pays for itself by reducing maintenance cost while restoring the appearance of your floor to a better than new condition.

ElectraGlaze can be used as a full coverage floor finish *as well* as a spray buff solution for spray buffing heavy traffic lanes, scuff marks and heel mark areas. ElectraGlaze cleans up easily with ElectraClean neutral cleaner without loss of gloss or reduction of its superb static control properties. Applications are quick and simple, requiring only two to three coats (on esd floors) for optimum results. It can be buffed to a high shine or left as applied. Without high speed polishing ElectraGlaze provides slip resistant properties typically *better* than untreated flooring, actually exceeding *THE* most stringent ADA Compliance Recommendations.

**Our Electrical Testing:** ElectraGlaze works with the floor's existing conductivity and typically adds approximately 1/2 to 1 decade of resistance to ESD conductive flooring. Two thin coats work best. ElectraGlaze typically increases the conductivity of "anti-static" floors (flooring that falls within the static dissipative range) by 1/2 to 1 decade.

**After Application:** 2 coats of ElectraGlaze - all ESD flooring materials fell within the original manufacturers specifications for electrical conductivity when tested to ESD S7.1 at 100 Volts.\* Our testing confirms a reduction in Tribocharging averaging 14% on seven samples of the most common ESD flooring.

**Note\*** All ESD floor finishes will modify the resistivity of ESD flooring materials. Expect a slight increase in the resistance values of flooring materials manufactured in the conductive range (<1.0E06). Expect a slight increase in conductivity for flooring manufactured in the static dissipative range (from 1.0E06 to <1.0E09). Pre-test to insure that this product falls within compliance if the floor is close to the top limit of your resistive range specifications

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**Application:** ESD floor finish is not applied like standard floor finish, take the time to understand the difference. It will save you time in the long run. Always use clean containers and non linting finish mops to apply ElectraGlaze. We suggest using a plastic bag to line a clean pail into which you pour the ElectraGlaze. Soak the mop to remove any impurities and rinse thoroughly. Wring out the mop as dry as possible and dip the mop into the Glaze. Wring out the mop so that it does not drip and apply a thin coat of Glaze to the entire floor. Don't allow the mop to become dried out as streaks in the floor will result. Allow the floor to dry thoroughly. The drying time will vary depending on temperature and humidity generally taking between 2 to 4 hours. After the first thin coat has dried for at least 2 hours reapply a second coat. For ESD conductive and static dissipative flooring 2 coats are ideal and provide optimum reductions in conductivity. For non esd floors 3 to 5 coats are recommended.

SPECIFICATIONS
Electrostatic Decay per EIA 541: 0.1 seconds
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*
Shelf Life: 18 Months
Flash Point: none
Coverage: 1,500 to 2000 square feet per gallon per coat.
Weight per 5 gallon container, 50 pounds.
Weight per case (4X1 gals) 40 Lbs
Weight per gallon, 10 pounds.
<b>Storage:</b> Store tightly in cool dry area. Do not mix other floor finishes or add left over product from previous applications.