



# AF-5500 Elite Dissipative Floor Finish

## Applications

Ohm-Shield™ AF-5500 can be applied over tiles or floor paint to protect, lengthen and maintain surfaces. Low VOC formula meets and exceeds Massachusetts state regulatory guidelines to ensure an environmentally safe product to employees, workplace, and piece parts.

## Benefits

- Low voc - Regulatory conformance, personnel safety
- Static Dissipative - Protects electronic devices from damage  
Protects workers from explosion or shock
- High Abrasion - Long lasting, saves money on repetitive application
- High Gloss - Aesthetically appealing
- Low Tribogeneration - Protects device from damage
- UL Listed - Slip resistant
- No formaldehyde or phthalates - Safe to use
- No alkalis, acids or ammonia - Safe to use
- Water-Based - Safe to use, biodegradable, non-flammable and low odor



## Safety Information

*Product has a low odor, low VOC solvent and safe surfactant system.*

### Does not contain:

|                         |      |          |
|-------------------------|------|----------|
| Glycol Ether DE .....   | CAS# | 111-90-0 |
| Formaldehyde .....      | CAS# | 50-00-0  |
| Dibutyl Phthalate ..... | CAS# | 87-74-2  |

|                          |   |
|--------------------------|---|
| Health .....             | 1 |
| Flammability .....       | 0 |
| Reactivity .....         | 0 |
| Personal Protection..... | B |



FLOOR COATING AND FINISHING MATERIAL CLASSIFIED BY UNDERWRITERS LABORATORIES, INC.® AS TO SLIP RESISTANCE ONLY



## Directions

### Initial Application - Read full product information sheet.

- Before application, remove old coating with an emulsifying type floor stripper such as Ohm-Shield® FS-3500.
- Strip, pick up and allow to dry.
- Thoroughly rinse and neutralize floor with clean water.
- Apply 2-3 coats of Ohm-Shield® AF-5500 floor finish with clean rayon mop.
- Allow at least 1-2 hours for drying time between coats. Coated floor should be earth grounded for rapid dissipation.

### Maintenance Cleaning

- Dry mop area daily. For light stains use a 50:50 blend of water:floor finish.
- Do NOT DAMP mop with water. Use Ohm-Shield® FC-4500 cleaner to remove heavy dirt.
- Recoat every 4-8 weeks, or as needed. Measure electrical resistivity weekly.
- Strip floor annually.

### Removal of Black Shoe Marks

Black shoe marks can be removed by spray buffing with a 50:50 solution (floor finish:water) using a white/beige buffing pad at 1000-1500 RPM or use a mop pad. Recoat to increase electrical conductivity as required. Allow to dry.

### Storage

Store tightly closed in a cool dry area. Do not mix other floor finishes or left over product from previous applications.

**Warranty:** Static Solutions expressly warrants that for a period of 1 year from the date of purchase any Static Solutions product will be free of defects in materials and will function within its specifications. Within the warranty period, the product will be repaired or replaced at Static Solutions option with no cost to the customer as long as Static Solutions receives notice during the warranty period. Defective products must be shipped prepaid to Static Solutions, Inc.'s factory. Call Static Solutions customer service at 978.310.7251 for a return authorization number. Include a copy of the invoice, packing slip, or other proof of purchase.

**Warranty Exclusion:** The foregoing express warranty is made in lieu of other product warranties express and implied, including merchantability and fitness for a particular purpose which are specifically or indirectly dis-claimed. The express warranty will not apply to defects or damage due to neglect, misuse, accidents, alterations, operator error, failure to properly maintain, follow instruction, or failure to clean or repair products.

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Static Solutions Inc. only sells through distributors.  
Please call us at 978-310-7251  
Or log on to our website at [www.staticsolutions.com](http://www.staticsolutions.com),  
to find your local distributor.

## Specifications

|                                                    |                                                  |
|----------------------------------------------------|--------------------------------------------------|
| <b>Active Ingredients</b>                          | Proprietary static dissipative compounds         |
| <b>Surface Resistance (RTT) ANSI/ESD-S7.1-1994</b> | 10 <sup>7</sup> -10 <sup>9</sup> Ohm @ 100 volts |
| <b>Electrostatic Decay Time EIA 541</b>            | 0.1 seconds                                      |
| <b>Slip Resistance ASTM-D2047-5</b>                | 0.5 minimum - UL listed                          |
| <b>Percent solids</b>                              | 20% +/- 0.5%                                     |
| <b>pH</b>                                          | 8.0-9.0                                          |
| <b>Free Ammonia</b>                                | None                                             |
| <b>Free Alkali</b>                                 | None                                             |
| <b>Free Acid</b>                                   | None                                             |
| <b>Phosphates</b>                                  | None                                             |
| <b>Color</b>                                       | Milky white                                      |
| <b>Odor</b>                                        | Mild                                             |
| <b>Solubility in Water</b>                         | 100%                                             |
| <b>Freeze/Thaw Stability</b>                       | 3 cycles                                         |
| <b>Shelf Life</b>                                  | 1 year                                           |
| <b>Flash Point</b>                                 | None                                             |
| <b>Weight Per Gallon</b>                           | 8.6 lbs./gallon                                  |
| <b>Biodegradable</b>                               | Yes                                              |
| <b>VOC</b>                                         | 3.5%                                             |

For additional Ohm-Shield™ product literature,  
call or fax the Static Solutions, Inc. sales department

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