

# **STATICIDE® DISSIPATIVE FLOOR FINISHES**

ACL, Inc. created specially formulated ESD safe floor finishes for specific surfaces and environments:

4000 Staticide® Acrylic for non-sensitive device areas.

4300 Staticide® Eco-Friendly is formulated for environmentally sensitive areas

4600 Staticide® Ultra for sensitive device manufacturing or when longer strip cycles are desired.

4800 Staticide® Ultra II for unique industrial surfaces like **concrete, dissipative tiles, epoxy and dissipative epoxy.**

**AVERAGE COVERAGE 1500-2000 SQUARE FEET PER GALLON**

## **MAINTENANCE OF STATICIDE® FLOOR FINISHES**

A routine maintenance program will provide the most satisfactory gloss retention, electrical resistances and wear characteristics of Staticide Floor Finishes.

1. Floor surfaces should be swept with an untreated dry mop (do not use sweeping compound) daily to remove loose dirt and sand.
2. Floors can be cleaned weekly to remove dirt, salt and film deposits by one of the following methods:
  - For light mop cleaning: Damp mop with a 1 to 1 dilution of chosen Staticide® Floor Finish and cool water.
  - For heavy machine cleaning: **Auto Scrub** only when necessary with a 1 to 10 dilution of #4100 Restorer Cleaner and cool water. Keep pad pressure setting light and use a white 3M Pad. After scrubbing apply a thin coat of floor finish as per application instructions above.
3. Apply a full strength top coat every four to six weeks after cleaning. Allow the finish to dry for approximately 24 hours before resumption of foot traffic. It is recommended that no more than 10 interim coatings be applied before stripping. **Top Coat with the same finish as the base coat. Do not interchange the floor finishes.**

The frequency of stripping and refinishing will vary somewhat depending on the environmental conditions within a particular facility, but field experience indicates that monthly refinishing generally provides the best outcome.

### **General Maintenance Tips:**

- Do not introduce any foreign substances on top of floor finish, i.e. cleaners other than the diluted #4100 Restorer Cleaner (1:10).
- Designate a new rayon mop for the maintenance of ESD area.
- **For optimal results, do not apply during humid conditions.**

## **BUFFING WITH STATICIDE® FLOOR FINISHES**

Buffing is not required to maintain dissipative qualities in Staticide® Floor Finishes. However, if you choose to rejuvenate the appearance of the floor finish by **spray buffing**, use a 1:1 blend of floor finish and water using standard or high speed equipment with proper pads. After the floor dries, at least one hour, restore dissipative properties by applying a thin coat of the 1:1 blend of floor finish and water. Use the least aggressive pad possible. Use light pressure to avoid burnishing and finish removal.

### ***FINAL NOTE***

It is crucial to begin a program of taking regular readings (surface resistance) from appropriate test sites to evaluate the floor and establish a proper maintenance program tailored to your requirements. All surface resistivity readings should be taken when the floor is at room temperature and dry. In order to conform to ANSI/ESDA specifications and standards use a resistance meter such as the ACL 395 Resistivity Meter.