

# **STATICIDE® DISSIPATIVE FLOOR FINISHES**

## **RECOMMENDED USE**

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**

## **FLOOR PREPARATION**

Best results are obtained when Staticide® Floor Finishes are applied to surfaces which are 60° F or above and in relative humidity conditions between 30-50%. **WARNING:** When applying floor finishes or cleaners always set up a “wet floor sign” as good housekeeping practice.

1. Remove old finish using a 1:4 dilution of Staticide® Floor Stripper #4010 and water. Concentration of dilution depends on the number of coats previously on floor.
2. Vacuum up stripping solution.
3. Rinse floor thoroughly with clean water.
4. Inspect floor to confirm that all stripper has been removed (shiny spots versus dull spots). Any residual stripper will be detrimental to the performance of an ACL Floor Finish.

**NOTE: New tile floors must be stripped thoroughly to remove all floor coatings. ESD tiles have plasticizers that may require a higher concentrate of stripper to remove. DO NOT strip floor within the first 4 or 5 days after installation of a new tile floor.**

### **General Preparation Tips:**

- Strip less than 125 sq. ft. at a time. Strip wet.
- Let stripper soak for 5 minutes, however do not allow stripper to dry on floor.
- Flood rinse area twice with clean water to remove residual stripper.
- Floor needs to be completely dry before applying floor finish.
- If shiny spots or white powder appears after floor is dry, the floor needs to be restripped and rinsed.

## **APPLYING STATICIDE® FLOOR FINISHES**

Using a new rayon mop and clean pail, apply the chosen Staticide® Floor Finish as follows:

1. Apply a thin coat to floor (i.e.: wring out mop  $\frac{3}{4}$  ways down the wringer). Let floor dry to the touch, approximately **60 minutes** for an RH condition of <30%. **Drying times may vary slightly depending on ambient conditions.** For an RH between 30 – 50% or temperature < 70°F allow 1-2 hrs of dry time. For greater than 50% RH allow 2-3 hours of dry time.

**NOTE: Streaks, bubbles, flaking or softening may develop if floor finish is not applied correctly. For the formation of a uniform hard coating, it is critical to apply floor finish in thin coats to prevent moisture from becoming entrapped in the initial application.**

2. Apply a second, slightly thicker coat (i.e.: wring out mop  $\frac{1}{2}$  ways down wringer).

**If using 4000, 4300, or 4600:** Two thin coats are sufficient, but for optimal performance, longer life, and easier maintenance, three coats are recommended. If a 3<sup>rd</sup> coat is applied, wait 24 hours before applying. This will allow the first two coats to cure. Applying coats too soon will result in poor adhesion, poor appearance, poor electrical performance, blistering and greasiness.

**If using 4800 Ultra II:** Two thin coats are the maximum requirement on dissipative surfaces. Applying too many coats or not allowing sufficient dry time will result in poor adhesion, poor appearance, poor electrical performance, blistering and greasiness.

## **STATICIDE® DISSIPATIVE FLOOR FINISHES**

### **General Application Tips:**

- To avoid contamination, use separate clean pails and mops for stripper and floor finish or use a plastic liner.
- Allow the floor to dry naturally, do not use forced air.
- Do not mix ESD floor finishes with one another or other non ESD floor finishes.

**NOTE: Normal traffic may resume in 6-8 hours (preferably overnight) after applying the last coat.**