

APPLICATION INSTRUCTIONS

6700 Staticide® Staticide® ESD Vinyl Paint PLUS



Recommendations before beginning:

- Read this entire document before application.
- Always wear protective goggles.
- Average Coverage: 200 sq. ft. per gallon/ Actual coverage may vary depending on substrate and application method.
- For best results, apply ESD paint at temperatures between 60°F-80°F.
- Mix products thoroughly before using.
- Two coats are not required, but may be preferred.

NEW SURFACES

1. Clean and remove dirt/grease with detergent solution followed by a clean water rinse. All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.
2. **New Concrete:** should cure for a minimum of thirty days before coating with ESD paint. Do not use on floors subject to hydrostatic pressure. Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sand sweeping. Rinse thoroughly with water and allow to dry. Must be internally dry. Remove loose aggregate. Prime with this product.
3. **Wood:** Sand smooth. Remove sanding dust. Prime with this product.
4. **Steel:** Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning. Prime with a metal primer.
5. **Galvanized metal and aluminum:** clean off oils and other contaminates. Prime with a galvanized metal primer.

PREVIOUSLY PAINTED SURFACES

1. Wash surfaces to remove contaminants. Rinse thoroughly with water and allow to dry.
2. Sand surfaces to dull glossy areas and to remove loose paint. Clean to remove sanding dust.
3. Scrub heavy chalk areas with soap and water. Remove all mildew by washing with a solution of 16 oz (473 mL) liquid household bleach and two oz (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse thoroughly with water and allow to dry.
4. Prime bare areas with primer specified under **NEW SURFACES**.
5. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear an NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before starting project, find out how to protect yourself and others by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Recommended tests for concrete:

Porosity Test: Pour one ounce of water onto the concrete. If the water soaks in, the surface is porous enough for coating. If water beads up on the concrete, the surface is not porous and further treatment is required. The presence of laitance (fine white particles) will also require abrasive blasting, sanding or abrading to assure removal.

Dryness Test: Place a weighted rubber mat, piece of plastic sheet or other non-porous material on the surface for 24 hours. If the underside of the mat, plastic or concrete surface is dry after that time, then the floor is ready for the next step. If moisture persists, concrete surface cannot be coated.

APPLICATION

1. Mix thoroughly before use.
2. May be applied by brush, roller or spray. No thinning required.
3. For airless spray application, use a .015" - .019" tip at 2000 psi, adjust pressure as needed. Do not apply when surface or air temperature is below 50°F (10°C) or if rain or heavy dew is expected within 48 hours of application.
4. Two coats are suggested for best results. For allow adequate ventilation during application and drying.
5. **DRYING TIME:** At 77°F (25°C) and 50% RH, dries to touch in 2 to 4 hours, to recoat in 8 hours and to light foot traffic in 24 hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.
6. **CLEAN-UP:** Clean hands and tools immediately with warm, soapy water. Clean spills right away with a damp cloth.
7. Allow floor to dry overnight at not less than 60°F before allowing light foot traffic to resume on the surface.
8. After drying, test the floor with a surface resistance meter. If the reading is greater than 10⁸ ohms and/or the readings on five separate test spots on the floor differ by more than a decade, apply a second coat of paint.
9. Allow floor to dry 3 days (72 hours minimum) at not less than 60°F before allowing general industrial traffic to resume.

REGULAR MAINTENANCE

1. Allow 2 weeks of drying time after initial paint application before using a damp mop to clean coated floor.
2. Sweep or dust mop daily. Use sweeper, vacuum, or an untreated mop to clean the floor. Do not use a sweeping compound.
3. Damp mop weekly.
4. Remove all spills immediately.
5. Do not machine buff floor. Do not use abrasive cleaners or scrubbing machines with aggressive pads to clean the painted floor.

FINAL NOTE

It is crucial to begin a program of taking regular readings of 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/EOS specifications and standards, use a resistance meter and procedure that measures relative humidity, temperature, and surface resistance such as the ACL 800 or ACL 880.

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