

Maintenance Guide

NECESSARY TOOLS

- **Mopping:** Dry Antistatic mop
- **Washing:** bucket, wringer, lukewarm water, neutral pH detergent and mop.

All Julie Industries StaticSmart™ ESD Vinyl Tiles require cleaning and maintenance to retain their original appearance. The frequency with which they must be cleaned depends largely on the amount and type of traffic. Maintenance of StaticSmart ESD Vinyl tiles requires sweeping, washing and rinsing. Do not use a sweeping compound as these may contain oils.

*Do not use wax or floor finishes, including static-free waxes on conductive or static dissipative vinyl tiles. All power buffing machines should not exceed 1500 R.P.M.

Clean the floor with a neutral floor cleaner only. Do not use an excessive amount of water.

Do not use pads or brushes that have been used on waxed floors as these will tend to leave a wax film that reduces the conductivity or dissipative effect of the floor.

PREVENTION

Wherever possible, use walk off mats at entrances and door ways to help reduce the amount of abrasion from dirt and grit on your new staticsmart vinyl floor. Vacuum or sweep the floor often to remove any dirt and grit.

Dry Maintenance vs. Wet Maintenance: Dry maintenance system has many advantages over a wet maintenance system, primarily cost, hygienic and environmental impact.

Dry maintenance system use less than half the amount of cleaning chemicals over wet systems and labor savings can be as great as 50%.

To multiply, microorganisms need three basic things; food, warmth and moisture. By using a dry maintenance system you eliminate a basic element needed for microorganism growth.

By eliminating or reducing the stripping and recoating of floor finishes, you can reduce or eliminate the dumping of heavy metals and chemicals into the waste stream.

GENERAL

Use standard Maintenance Industry safety practices and precautions whenever performing maintenance procedures. Every application and every building can present its own unique set of problems which may require variations in the maintenance procedures.

The following are general guidelines which will cover the majority of applications. If you feel your situation is not covered by these guidelines, please contact the Julie Industries technical service department at 978 276-0820 or E-mail techsupport@julieind.com for advice before beginning your maintenance procedures.

INITIAL MAINTENANCE

Note: Initial maintenance should not be performed for a minimum of 72 hours after installation is complete. This will ensure that the adhesive has had sufficient time to dry and cure.

Vacuum or dust-mop the area to remove all surface soil, dirt, sand and grit. Scrub the floor with a neutral pH detergent such as Statguard Dissipative Neutral Floor Cleaner or equivalent. Scrub the floor with rotary scrubber with scrubbing pad or automatic scrubber with scrubbing pads.

Pick up solution with a wet vac, rinse with clean water and allow to dry thoroughly.

Dried adhesive: Detergent cleaner containing phosphate should be a good choice for removing carbon. Phosphates are not as common in laundry detergents any more, but might be found in concrete and deck cleaners. Also a surfactant type cleaner that contains glycol ether, such as 409 Cleaner. Apply the cleaner to the spot and let it set for several minutes, then scrub with a clean cloth.

DAILY MAINTENANCE

Vacuum or dust mop to remove all surface soil, sand and grit.

Option 1 – Dry Maintenance System: Spray Clean/Buf using a rotary buffing machine (175-1500 rpm) with a white or beige pad and a spray buff solution such as Statfree Dissipative Spray Buff or equivalent.

Option 2 – Wet Maintenance System: Scrub or mop with neutral pH (7-8.5) detergent such as Statguard Dissipative Neutral Floor Cleaner or equivalent. If the soil is grease or oil in nature use a degreasing detergent. Apply cleaning solution with a mop and bucket (do not flood the floor, use as little water as possible) and scrub using a rotary scrubber with scrubbing pad or use automatic scrubber with scrubbing pad.

Pick up solution with a wet vac, then rinse thoroughly with clean water.

CAUTION: Phenolic type disinfectants are very caustic and may cause adverse effects on the physical properties of the floor covering, including leaving a slippery residue which may cause a hazardous condition. If phenolics are used, after each application, thoroughly rinse the surface with clean water and wet vac up the solution. Julie Industries does not recommend the use of phenolics and will not warranty any damage or harm caused by their use.

Breaking In Your Vinyl Tile Floor

StaticSmart ESD Vinyl tiles have a breaking in period. At first, the factory finish on the tile is so flawless that individual scuff and scratches will appear more visible. As your floor is broken in with normal traffic, its finish will develop to a rich, natural, uniform patina.

Maintenance Guide

Scratch/Scuff Repair

In the event that the vinyl tile has been affected with scratch marks they are easily repaired by the following method:

- Use 1,500 R.P.M. polisher equipped with a “white” burnishing pad. The polisher comes in various sizes depending on the size of area to be burnished. For smaller areas use a machine not larger than 18” to 24”.
- Be sure to use soapy solution as a lubricant before attempting to use the polisher as damage to the floor could result.
- Concentrate the polisher to the affected area allowing it to gently burnish the scratches or uneven gauge. Again, be sure to use the soapy solution as a lubricant.
- Once burnishing is completed, follow our recommended maintenance procedures to buff the floor to its desired appearance.

CAUTION: A 1,500 R.P.M. polisher can be used on a periodical basis to remove heavy scratches by burnishing the tile. This type of polisher is not recommended for regular maintenance as damage to the tile can be caused with continued use.

- A mild cleaner, such as ‘Soft Scrub’ can be very effective in removing stains, scuffs, etc. Apply by hand using a damp sponge.

GENERAL MAINTENANCE TIPS

It is important to note that any cleaning solutions and residue must be thoroughly removed from the surface to ensure that electrical performance is obtained.

Note: oil mops, oil sprays or oil containing sweeping compounds are not recommended for use on StaticSmart ESD Vinyl tiles.

Floor Protection:

Floors must be protected against excessive static loads and abrasion when moving machines and etc. The removal of small metal domes from machine legs is always recommended. Plastic casters and glides of adequate size should also be used to protect the floor surface. Be sure to protect using felt paper or reinstalling proper caster. Protective devices should be cleaned periodically to prevent damage when dirt and grit accumulate and are dragged on floors.

Direct Sunlight:

StaticSmart ESD Vinyl tiles constantly exposed to direct sunlight at temperatures over 100°F (38°C) could conceivably result in alteration of dimension, indentation and possible surface color fading. Protect accordingly with drapes or blinds drawn over windows during peak sunlight hours.

Throw Rugs:

Some types of throw rugs are backed with latex that may be injurious to resilient floors. Always make certain that the rug supplier can assure that the rugs have a non-staining backing.

Stains:

Certain materials will stain any resilient flooring. These materials include lipstick, solvent type fluid and paste waxes, fresh asphalt paving, rubber matting, rug padding and paint pigmentation used on exterior concrete steps and porches. Dark colored asphalt tile located adjacent to or near vinyl floors may cause tracking of color onto the vinyl. StaticSmart ESD Vinyl tiles must be adequately protected from contact with such materials since many of these stains are difficult or impossible to remove.

*Waxes and Polishes

Julie Industries recommends that you do not use waxes on your static control vinyl floor, as this will reduce its static control effectiveness. However, there may be instances where polishes or waxes may be appropriate. Please call Julie Industries customer service desk (978 276-0820) or E-mail our technical support department (techsupport@julieind.com) for recommendations before using any type of polishers, waxes or finishes on your StaticSmart ESD vinyl flooring.

WARNING:

The extremely high forces exerted by stiletto or high-heeled traffic (dynamic loads of 1,000 PSI or more) may visibly damage resilient flooring. Julie Industries will not accept claims for damage caused by stiletto or high heeled traffic.

QUESTIONS/ASSISTANCE

For technical assistance or questions about installing or grounding your StaticSmart ESD Carpet tile floor, please contact our Customer Service desk at (978) 276-0820, Monday through Friday 8:30am - 4:30pm EST. Our Technical Support Department can be reached by E-mail at techsupport@julieind.com.