

StaticSmart® ESD Vinyl Tile Flooring

NECESSARY TOOLS

Mopping: Dry nylon or rayon lint-free mop.

Washing: bucket, wringer, lukewarm water, neutral pH detergent and mop.

OVERVIEW

- All Julie Industries StaticSmart® ESD Vinyl Tile flooring requires cleaning and maintenance to retain its original appearance. The frequency with which they must be cleaned depends largely on the amount and type of traffic. Maintenance of StaticSmart® ESD Vinyl Tile flooring requires sweeping, washing and rinsing. Do not use a sweeping compound as they contain oils.
- Do not use wax or floor finishes, including static-free waxes on StaticSmart® ESD Vinyl Tile. All power buffing machines should not exceed 350 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 Tile flooring. Vacuum or sweep the floor often to remove any dirt and grit.

Dry Maintenance vs. Wet Maintenance: A Dry maintenance system has many advantages over a wet maintenance system: lower cost, improved hygiene, and reduced environmental impact.

Dry maintenance systems use less than half the amount of cleaning chemicals that 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 re-coating 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 helpdesk@julieind.com for assistance before beginning your maintenance procedures.

INITIAL MAINTENANCE

Initial maintenance is required to prepare the material for use after the installation process and ensure consistency of the ESD Properties when tested. To perform initial maintenance, FOLLOW THE INSTRUCTIONS FOR SCRATCH AND SCUFF REPAIR BELOW.

Note: Do not begin wet maintenance for at least 5 days after installation is complete. **NEVER “flood” the floor** when performing maintenance.

Dried adhesive: Use mineral spirits to remove dried adhesive. **Do not apply solvents directly to floor.** Use caution when handling flammable solvents.

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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 (175-350 rpm) with a white or beige pad and a spray buff solution.

Option 2 – Wet Maintenance System: Scrub or mop with neutral pH (7-8.5) detergent. 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 wetvac, then rinse thoroughly with clean water (**do not flood the floor, use as little water as possible**).

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 wetvac 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 ESD Vinyl Tile Floor StaticSmart® ESD Vinyl tile flooring 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.

Scratch/Scuff Repair and Initial Maintenance

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

Mix 2-4 ounces of Neutral Cleaner to a gallon of clean, potable water. Use a clean microfiber pad or string mop to clean spills, dirt buildup and other debris.

If using a low-speed rotary floor machine (175 – 350 RPM), wet scrub the floor using a 3M 5300 Blue Cleaning Pad or equivalent.

If using an auto-scrubber, wet scrub the floor using a 3M 5300 Blue Cleaning Pad or equivalent.

Use an auto-scrubber, wet vacuum or clean mop to remove any and all excess cleaning solution. Rinse area with clean, cool water and allow floor to dry completely. Ensure flooring area is clean and that all cleaning residue has been removed (this may require additional rinsing).

Depending upon construction traffic and/or other soiling, this process may need to be repeated multiple times to achieve the desired results.

While the floor is still damp from the rinse water, use a low-speed rotary floor machine (175-350 RPM) to wet-buff the floor with a 3M 5100 Red Cleaning Pad or equivalent.

When the floor is completely dry, use a low-speed rotary floor machine (175-350 RPM) to dry buff the floor with a 3M 4100 White Super Polish Pad or equivalent. The dry buffing process will yield a more even appearance if done in an orbital or circular pattern rather than moving side to side. The dry buffing process may also need to be done more than once if an even appearance isn't achieved after the first attempt.

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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 Tile flooring.

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: Constant exposure of StaticSmart® ESD Vinyl Tile flooring to direct sunlight at temperatures over 100°F (38°C) could 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 StaticSmart® ESD Vinyl Tile flooring may cause tracking of color onto the vinyl. StaticSmart® ESD Vinyl Tile flooring 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 ESD/static dissipative polishes or waxes may be appropriate. Please call Julie Industries customer service (978 276-0820) or email us at helpdesk@julieind.com for suggestions before using any type of polishes, waxes or finishes on your StaticSmart® ESD Vinyl Tile 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 Vinyl Tile flooring, please contact our Customer Service desk at (978) 276-0820, Monday through Thurs. 8:00am - 4:00pm EST. Our Technical Support Department can be reached by E-mail at techsupport@julieind.com.