

ELECTRATILE ESD FLOOR TILES

ESD Floor Tile Maintenance

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OVERVIEW: All United Static Control ESD Vinyl Tiles require cleaning and maintenance to maintain the outstanding original appearance. The frequency with which they must be cleaned is dependent on the amount of traffic, the cleanliness of the facility and the type of manufacturing that the tiles will encounter on a daily basis. The following general guidelines will cover the majority of applications. Frequency of the procedures may be modified to suit the environmental conditions your flooring may encounter.

GENERAL: Whenever possible use walk off mats at entrances and doorways to help reduce the amount of abrasives from dirt and grit. Wire clippings, metal shavings, nuts, bolts, sanding abrasive etc can get ground into all types of flooring by chair casters and may cause deep scratches. Should this type of traffic be an ongoing issue United SCP recommends the use of Titanium 40220 HSB conductive chair mats to protect the flooring. Metal chair casters and wheels are not recommended for use with ESD flooring. Nylon or soft rubber chair casters and wheels are acceptable but must be kept clean and free of embedded detritus.

INITIAL MOVE IN: Protect your esd flooring investment during the initial loading phase Cover the newly installed esd flooring with masonite or thick cardboard sheets prior to rolling over the new substrate with heavily loaded forklifts, man lifts etc. Remove nuts, bolts, rocks, nails etc from the wheels of heavy equipment prior to rolling over the protective overlayers. Brown paper may be used to protect the floor from dirt brought in by foot traffic during the initial move in phase.

INITIAL MAINTENANCE: Initial maintenance should not be performed for a minimum of 72 hours after the installation is complete to allow the adhesive to fully cure. Careful installation will avoid the transfer of conductive adhesive to the tops of the tiles. Should your installation have adhesive that has oozed between the seams to the tops of the tiles this may be removed with a soft cloth or sponge dipped in a mixture of hot water and ElectraClean diluted to a ratio of 8 ounces of ElectraClean to a gallon of water. Use liquids sparingly and do not over apply. Insure that the area is dry once the clean up is completed.

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DAILY: Sweep the esd tiles using a soft bristle broom followed by a dry dust mopping. Initially use only new brooms and dust mops. Isolate these tools and use them **ONLY** on your esd flooring. Do not allow them to contact oils, grease nor other contaminants that may be transferred to the esd flooring and hinder it's outstanding conductivity.

EVERY WEEK OR TWO: Damp Mop the flooring with ElectraClean to remove abrasives. Sweep and dust mop prior to washing to remove loose dirt and soil. For use in weekly damp mopping, use a dilute solution of 8-10 ounces of ElectraClean per gallon of warm water. Using a clean high quality mop and a mop bucket with a ringer, dip the mop into the bucket and ring out excess. Mop the floor lightly, rinse mop in fresh solution repeatedly. Exchange dirty damp mopping solution with clean solution as needed. ElectraClean may also be used in auto scrubber applications. After application allow the floor to dry thoroughly. Do not rinse. For heavier soil conditions. Dilute 12 -16 ounces of cleaner per gallon of warm water and use as a mopping solution. **NOTE:** Never use plain water to damp mop an esd floor

MONTHLY OR AS NEEDED: High speed polish using ElectraShine and a high speed polisher to remove light scuff marks and scratches. ElectraShine may be mopped on prior to polishing or used as a spray buff to keep the polishing pad cool. Propane polishing is acceptable as is high speed (1,500 rpm or higher) electric polishing machines. Move the polisher briskly during the operation. Do not allow the pad to heat the esd flooring. Use the lightest pad available that is effective for your scuff marks. White and Champagne colored pads are recommended and generally effective for light scuff marks.

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THE USE OF ESD FLOOR FINISH:

ESD floor finish is not required for ElectraTile ESD Flooring but is beneficial in providing a sacrificial coating that reduces the effort required to remove scuff marks and dirt. Use only ElectraGlaze ESD Floor finish should you desire this protection. ElectraGlaze is specifically designed for use with ElectraTile flooring. Apply ElectraGlaze in 2 very thin coats ONLY. Two thin coats of ElectraGlaze will not substantially increase the floors insulative properties assuring easily compliant static control protection. ElectraGlaze provides an increase in slip resistance and shine while filling in micro voids between the tiles making the floor easier to keep clean. ElectraGlaze may easily be removed and reapplied should ground in dirt begin to dull the finish. Typical life span of the ElectraGlaze coating is one year. Please see "how to maintain an esd floor" for full application techniques and tips should your needs require the ElectraGlaze process.

ADDITIONAL NOTES:

Direct Sunlight: ElectraTile contains limited UV protection due to it's requirements for electrical conductivity. Exposure of ElectraTile to direct sunlight at temperatures over 100 degrees may alter the dimensions and cause surface fading. Protect accordingly with drapes or blinds drawn over windows during peak hours of sunlight.

Throw Rugs: Some types of throw rugs are backed with a latex that may harm the finish of ElectraTile flooring. Ensure that the rug supplier provides a non stain warranty prior to using throw rugs with ESD floor tiles.

Stains: Certain materials will stain any resilient flooring. These materials include lipstick, solvent type fluids, paste wax, fresh asphalt paving, some rubber matting, some rug padding and paint pigmentation used on exterior concrete. Dark colored asphalt tile located adjacent to our near esd vinyl tile flooring may cause the tracking of it's color onto the vinyl. United SCP Flooring must be adequately protected from contact with such materials since many of these stains are difficult to impossible to remove.

Stiletto and High Heels: The extremely high forces exerted by stiletto or high heeled traffic may exceed the dynamic load carrying capabilities of ESD tiles and sheet vinyl (exceeds >1,000 psi). United will not accept claims for damage caused by this type of traffic.