

# A System for Transforming Standard Or Static Dissipative Vinyl Tile Into Conductive Flooring

This professional flooring system was developed to allow regular vinyl composition tile or concrete be covered easily and cost effectively into electrically conductive flooring. Ease of application, positive adhesion characteristics, and exceptional durability at approximately 1/4 the cost of conductive vinyl tile or epoxy systems are significant benefits of this program.

## Floor Preparation and Application Products

### ELIMINATOR

#### Stripper For All Water-Based Sealers And Finishes

As Perma's most effective stripper, Eliminator rapidly dissolves multiple layers of floor finish, allowing, in some applications, for removal without the use of floor machines or stripping pads. Formulated almost completely from top quality water miscible solvents, Eliminator contains less than 1% solids at concentration, so it leaves no alkaline residue to adversely affect subsequent finish applications. No other stripper can surpass Eliminator for the removal of heavy build-ups of today's UHS and urethane fortified finishes. Years of buildup can be quickly and easily removed by light agitation with a scrubbing machine and standard stripping pad. Eliminator will even dissolve the almost impossible to remove straight acrylic sealers. Formulated for those floor care professionals whose time is at a premium, Eliminator is unrivaled in performance and value.



Product #118

### STAT-CRETE

#### Conductive, Water-Based, Epoxy/Acrylate Finish For Various Surfaces

This conductive, water based epoxy/acrylate provides outstanding durability and abrasion resistance while eliminating electrostatic charges which can damage sensitive electronic components or equipment. Stat-Crete also displays superb resistance to a wide variety of chemicals and solvents commonly found in industrial and commercial environments. When cured, Stat-Crete exhibits characteristics superior to solvent based urethanes and rivals those of solvent based epoxy coatings. Stat-Crete produces superior results when used on a broad range of concrete ceramic and even vinyl composition tile surfaces. Available in Medium Gray, Light Gray, Beige, Emerald Green and Light Blue colors. Stat-Crete complies with stricter Ozone Transport Commission (OTC) and California Volatile Organic Compound (VOC) Regulations.



Product #26

### STAT COAT 2

#### Anti-Static Finish For Standard Vinyl And Conductive Tile Floors

Stat Coat, is a state of the art floor maintenance finish with inherent static dissipating properties. Stat Coat is specifically formulated for application in computer rooms, electronic assembly areas, telephone substations or any other area where positive elimination of static electricity is a prime consideration. Its unique static dissipating ingredient is actively linked to the chemical structure of the polymer system, increasing resistance to washout or leaching of the static dissipating properties. Easy maintenance, good gloss, and durability are additional assets of this high-tech, anti-static finish.



Product #27

# A System for Transforming Standard Or Static Dissipative Vinyl Tile Into Conductive Flooring

## Floor Preparation and Application Procedures

### Step 1 - Strip Any Existing Finish With Eliminator

**NOTE:** Some adhesives used to install new vinyl tile floors can be affected by Eliminator. We recommend testing a small (12" x 12") area of floor at the dilution to be used, before stripping large areas.

Dilute 16-24 ounces (1:8 to 1:5) of Eliminator for routine stripping, 32-48 ounces (1:4 to 1:3) for medium build-up or 64-128 ounce (1:2 to 1:1) for heavy build up, per gallon of "COLD" water. Apply stripping solution with a mop, watering can or other applicator system and let it stand for 3-5 minutes. Scrub the floor surfaces with a deep cleaning pad (green or blue), or a good quality nylon brush for textured surfaces. Remove the dissolved finish and solution with a wet vacuum. Any residual dissolved floor finish not removed by vacuuming should be removed by light rinsing or damp mopping. Allow the floor to dry thoroughly before applying Syn-Coat.



### Step 2 - Apply 2 - 3 Coats of Stat-Crete

**Coated Vinyl Tile** should be stripped using Perma Eliminator or Brut finish removers. Roughen the stripped surface by wet screen disk using a diluted solution of Super Blue cleaner/degreaser and a 100-120 grit disk on a 175-300 Rpm buffing machine or automatic scrubber. Remove the soiled screening solution with a wet vacuum or automatic scrubber. Rinse the floor with clean water to remove any soil or tile dust not removed by vacuuming.

**APPLICATION-Catalyzed Stat-Crete** should be used within six hours of mixing. Prepare only the quantity necessary for immediate use. Add premeasured catalyst to epoxy base. Stir gently until the catalyst has been thoroughly mixed in. Allow catalyzed Stat Crete to stand for 5 minutes.

**Apply catalyzed Stat-Crete** with a short nap (1/4"-3/8") roller in thin, uniform coats. The initial coat will cover approximately 400-500 ft<sup>2</sup> per gallon. Allow the initial coat to dry for 5-7 hours, then apply a second coat. Second coat coverage is approximately 500-600 ft<sup>2</sup> per gallon.

**NOTE:** This product is not recommended for applications that experience reoccurring standing water. Finished floors may be opened to light traffic, under normal curing conditions, after 24 hours. Complete curing with maximum durability and chemical resistance will take 5-7 days.



### Step 3 - Apply 2 Coats of Stat-Coat 2

**NOTE:** All previous versions of Stat-Coat or other Anti-Static Floor Finishes must be removed with Eliminator Finish Stripper prior to the application of Stat Coat 2.

Floor surfaces should be 60° F or warmer and in relative humidity conditions between 40-60%. Remove old finish with Eliminator. Follow directions on stripper label for application. To obtain static dissipative properties on regular vinyl composition tile, a minimum of three to five coats are required. Two coats of Stat Coat 2 are recommended for static dissipative or conductive tiles. Apply thin even coats, allowing 1 to 2 hours between coats depending on humidity conditions. No more than 3 coats should be applied in a 24-hour period.

**Recoating of existing finish:** Sweep the floor to remove any loose dirt or dust. Wash the floor with Stat-Clean to remove dirt and soil. Apply thin even coats, allowing 1 to 2 hours between coats depending on humidity conditions. The frequency of refinishing will vary depending on the efficacy of the maintenance program and environmental conditions.

**Routine maintenance:** Floor surfaces should be swept with an untreated mop daily. Stat-Coat should be damp mopped **only** with Stat-Clean regularly, to remove soil, salt, and film deposits which can degrade the coatings static dissipative properties and gloss. Spray buffing or high speed burnishing with a soft polishing pad and Stat-Buff 2 is recommended to maintain optimum appearance and static dissipating properties. Do not buff or burnish any sooner than 5 days after the last coat of Stat-Coat is applied.

**For optimum results do not apply during excessively humid conditions (>60% RH) and do not dry buff or dry burnish.**



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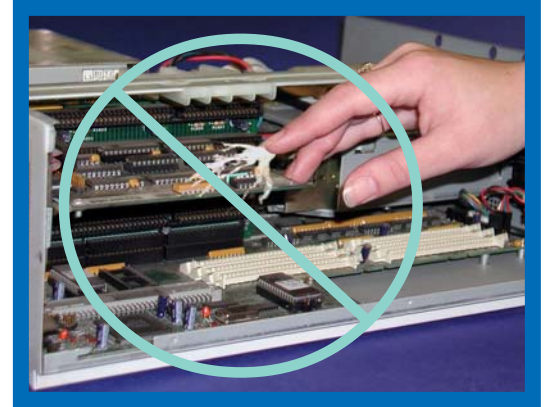
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## Floor Cleaning and Maintenance Products

### STAT CLEAN

#### Anti-Static Cleaner For Standard Vinyl And Conductive Tile Floors

Stat-Clean is specifically designed for use in maintenance programs whose goal is to reduce static electricity buildup and increase the conductivity of surfaces in areas where sensitive electronic components are being used or manufactured. Regular cleaner and detergent compounds destroy the static dissipating properties of highly specialized conductive floor finishes like Stat-Coat, rendering static control maintenance programs ineffective. Stat-Clean removes dirt and soil while maintaining or increasing the conductivity of Stat-Coat, Stat-Buff or Stat-Seal. This product is equally effective on vinyl, vinyl-asbestos, rubber, linoleum, ceramic, and concrete surfaces. Environmentally safe, it is noncorrosive, nonflammable, and biodegradable.

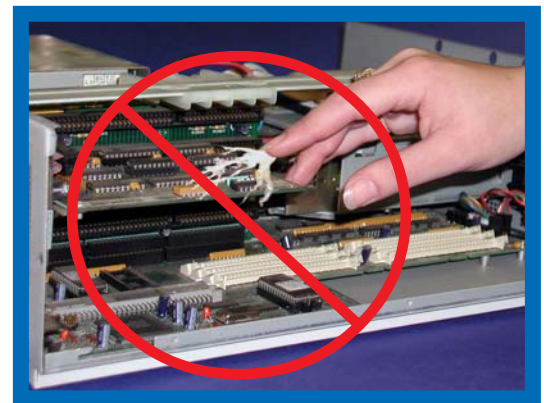


Product #137

### STAT BUFF 2

#### Anti-Static Spray Buff/Gloss Maintainer For Use With Stat Coat 2 Floor Finish

This innovative spray buff is formulated as a companion product for Stat-Coat 2. An integral component of a conductive maintenance program, Stat-Buff 2 is designed to extend the static dissipating qualities of Stat-Coat 2 as well as restore the gloss and enhance the appearance of conductive flooring surfaces. Its inherent static dissipating properties make Stat-Buff 2 ideal for application in computer rooms, electronic assembly areas, telephone substations, and any other area where positive elimination of static electricity is a prime consideration. Incorporation of Stat-Buff 2 into a anti-static flooring maintenance program will extend the period of time between stripping and recoating procedures, saving labor and money.



Product #28



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## Floor Cleaning and Maintenance Procedures

### Step 1 - Wash Floors Regularly With Stat-Clean

Floor Surfaces should be swept prior to washing to remove loose dirt and soil.

For use in daily or frequent damp mopping, use a dilute solution of 8-10 ounces of Stat-Clean per gallon of warm water. Mop the floor lightly and allow it to dry. Do not rinse.

For heavier soil conditions, sweep or vacuum the floor to remove loose soil or dirt. Dilute 12 - 16 ounces of cleaner per gallon of warm water and use as a mopping solution. After cleaning, the floor may be spray buffed with Stat-Buff or recoated with Stat-Coat. Do not use plain water or regular all purpose cleaners for maintaining conductive finishes.



### Step 2 - Restore The Gloss Of Stat Coat 2 with Stat Buff 2

Remove loose dirt and soil by sweeping or vacuuming. For best results, the area to be buffed should be damp mopped with Stat-Clean. Using a soft or medium pad, spray Stat-Buff 2 ahead of the buffing machine, working small areas at a time.

Stat-Buff 2 may also be diluted 32 ounces per gallon of water (1:4) for use as a mop on restorer. Dilute the Stat-Buff 2 in a mop bucket with cold water. Damp mop the area using a lint free cotton or combination cotton and synthetic mop. Allow the floor to dry thoroughly then burnish with a soft pad. Wash and rinse buffing pads after each application.

**For optimum results, do not apply under high humidity conditions.**



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