

Conductive Coating System For Concrete Floors

This professional flooring system was developed to allow regular vinyl composition tile and concrete floors to be covered easily and cost effectively into electrically conductive flooring. Ease of application, positive adhesion characteristics, and exceptional durability at approximately 1/2 the cost of conductive vinyl tile or epoxy systems are significant benefits of this program.

Floor Preparation and Application Products

DEEP IMPACT

Heavy Duty, Chlorinated, Foaming Degreaser For Concrete, Stone and Ceramic Tile

DEEP IMPACT is a powerful, chlorinated, foaming degreaser formulated to dissolve and suspend grease, oil, industrial lubricants, automotive and aircraft fluids and the heaviest common and protein soils. No other cleaner works faster or more effectively to clean even the heaviest soils from concrete, ceramic tile, brick, and all natural and manufactured stone surfaces. Fortified with chlorine to brighten cement and grouting DEEP IMPACT is recommended for use in lobbies, restaurants, institutional kitchens, food processing plants, restrooms, and manufacturing and work areas. DEEP IMPACT contains no abrasives, is fast-acting, nonflammable, and biodegradable.



Product #156

GREASE CUTTER

Low Foam, USDA Compliant, Non-Corrosive, Food Service Degreaser

GREASE CUTTER offers a safer, yet effective alternative for cleaning and degreasing the stubborn protein based soils, commonly encountered in meat and food processing facilities, commercial kitchens, and food storage areas. Formulated with water miscible solvents and powerful detergents, GREASE CUTTER will readily dissolve animal fats, fish slime, meat residues, blood, oils and other protein based and hard to remove soils. GREASE CUTTER's moderate foaming action effectively suspends soils, yet allows it's use in autoscrubbers or pressure washers without overflowing recovery tanks or generating excess foam. Non-corrosive and biodegradable GREASE CUTTER provides the aggressive cleaning power needed in commercial food handling facilities, without the potential for chemical burns and related health considerations associated with highly alkaline degreasers. GREASE CUTTER may be used on all metal, concrete, ceramic tile, stone, formica, rubber, and painted surfaces.



Product #150

PREPARE

Acid Etching And Bleaching Treatment For Concrete and Ceramic Tile

Prepare is a concentrated formulation containing Hydrochloric (Muriatic) Acid, detergents, and surfactants for use in preparing concrete, terrazzo, and unglazed stone or ceramic tile flooring for coating with water or solvent-based sealers. Prepare's powerful chemical reaction dissolves ground in dust and dirt, opening up the pores in smooth mineral surfaces and insuring proper adhesion characteristics between the flooring and sealer. This treatment can also enhance slip resistance characteristics on particularly smooth masonry or stone surfaces.



Product #111E

Conductive Coating System For Concrete Floors

Floor Preparation and Application Procedures

Step 1 - To Clean Heavy Concentrations of Grease, Oil And Soils Degrease with Deep Impact

Heavy Duty Degreasing Of Concrete Or Ceramic Tile: Dilute one part **DEEP IMPACT** with 10 parts water (12.8 ozs. per gallon). Apply diluted solution liberally with a plastic watering can or mop. Let the solution stand for approximately five minutes, then scrub the application area with a low speed buffing machine (175-350 Rpm) or automatic scrubber equipped with a scrubbing brush, or by hand with a deck brush. Pick the solution up with a wet vac or mop. Deep Impact is a foaming degreaser so a small amount of defoamer may need to be added to the recovery tank to reduce foaming. Flood rinse the cleaned area with clean water, then pick up the rinse water with a wet vacuum or automatic scrubber.

Routine Degreasing Or Cleaning: **DEEP IMPACT** may be used at a lower concentration of between 1 part Deep Impact to 64 parts water (2 ozs. per gallon) and 1 part Deep Impact to 16 parts water (8 ozs. per gallon) for routine degreasing or cleaning.



OR

Step 1A - To Clean Moderate Concentrations of Grease, Oil And Soils, With An Automatic Scrubber Degrease with Grease Cutter

For routine cleaning and degreasing of concrete floors or other hard surfaces, dilute 1 part Grease Cutter with 15 parts hot or cold water (8.5 ounces per gallon). Diluted solution may be applied with a pressurized sprayer, pressure washer, automatic scrubber or mop. Allow the solution to work for several minutes then agitate with a brush, scrubbing machine, or automatic scrubber. Remove the soiled solution with a wet vacuum, automatic scrubber or mop, then rinse the surface thoroughly with clean water, and allow it to dry.

Dilution ratios of Grease Cutter may be increased or decreased; 6 ounces per gallon (1:20) to 12 ounces per gallon (1:10), to meet specific soil conditions.



Step 2 - To Improve Adhesion Characteristics And Remove Embedded Dust Etch Concrete Floors With Prepare

Uniformly dampen the area to be treated with clean water. For light to moderate soil or staining on ceramic tile or stone dilute Prepare 1 part cleaner to 3 parts cold water. For heavy soil or staining, or for etching concrete prior to coating Prepare may be concentrated up to 1 part cleaner to 1 part cold water. **NOTE:** concentrations of Prepare at 1:1 or higher can cause efflorescence in grout lines which should be removed by scrubbing with hot water and a deck brush or a 175-300 Rpm buffing machine equipped with a brush prior to sealing. Apply solution to the floor using a plastic watering can, then spread evenly using a deck brush or synthetic fiber mop. Allow the solution to work for approximately 5 minutes or until white foaming action ceases. Scrub the application area with a buffing machine equipped with a staggered bristle zim-grit or nylo-grit type brush or deck brush, to assist in thorough cleaning. Completely remove the etching solution, preferably with a wet vacuum. Rinse by applying clean water liberally with a watering can or mop. Scrub briefly to agitate rinse water. Remove rinse water with a wet vacuum or mop. Thoroughly rinse all application equipment with clean water. Coverage: approximately 250 ft²/gallon of use solution.

CAUTION: This is a concentrated product formulated for professional use only!

Safety glasses, gloves, and protective footwear should be worn at all times during application. Provide for adequate ventilation of fumes which may be generated during application. In enclosed areas with limited ventilation a respirator may be necessary. High concentrations of vapor due to limited ventilation can also cause flash rusting of stainless steel. Do not mix this product with other chemicals. NOTE: Prepare should be used with extreme caution on polished surfaces and marble, terrazzo, limestone, or other calcium containing materials. Prepare will remove the gloss from polished surfaces and will etch and possibly damage soft or high calcium content stones.



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Conductive Coating System For Concrete Floors

Floor Preparation and Application Products

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.

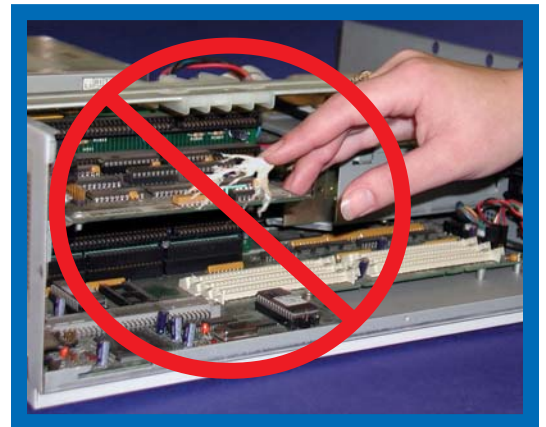


Product #26

STAT-COAT 2

Anti-Static Finish For Standard Vinyl And Conductive Tile Floors

Stat Coat 2, 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



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Conductive Coating System For Concrete Floors

Floor Preparation and Application Procedures

Step 1 - Apply 2 - 5 Coats of Stat-Crete

Product Coverage: 400-600ft² depending on the porosity of the concrete. A minimum of 2 coats is required for opaque uniform coverage on very smooth floors with 3-5 coats being optimal for most flooring surfaces.

New concrete floors should be allowed to cure a minimum of thirty days. Application to floors colder than 60° F is not recommended. Floor surfaces must be free of any release agents, curing compounds, salts or efflorescence before coating. Sweep and then wash floors with one of Perma's degreasers such as Grease Strip, Grease Cutter or Citru-Gest to remove oil, grease, and soil. Follow by etching surface with Prepare, then thoroughly rinse with clean water.

If floor has been previously coated, a small area should be cleaned, roughed up by screen dinking with a 80-100 Grit screen, washed to remove dust and soil and then sealer applied to test for adhesion, lifting, etc. Any areas of the existing coating which display flaking or poor adhesion should be removed. Wash the stripped areas, acid etch, and rinse thoroughly. Allow the floor to dry.

Coated Vinyl Tile should be stripped using Perma Eliminator or Brut finish removers. Roughen the stripped surface by wet screen dinking 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.

Metal, Fiberglass or Wood should be thoroughly cleaned and degreased using an appropriate cleaning solvent such as Denatured Alcohol, Isopropanol, Mineral Spirits, etc. Sand the surface to be coated with 80-100 grit sand paper. Remove any dust from sanding with the appropriated solvent. Allow the solvent to evaporate completely.

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 ft² per gallon. Allow the initial coat to dry for 5-7 hours, then apply a second coat. Second coat coverage is approximately 500-600 ft² 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 2 - 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 regulat vinyl compositon 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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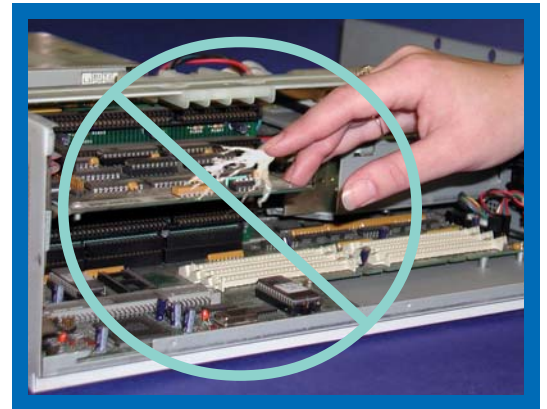
Conductive Floor Care System For Concrete Floors

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.

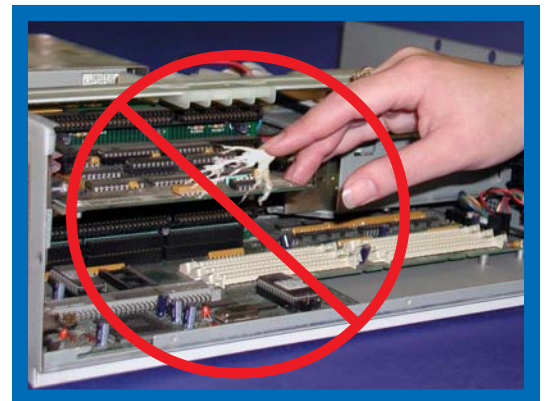


Product #137

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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Conductive Floor Care System For Concrete Floors

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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