



For manufacturers and building supervisors who require ESD flooring, there's now an option that enables them to obtain complete static control protection at a fraction of the cost of epoxy and prefabricated ESD flooring: the Diamapro® Diamapro-ESD System.

The Diamapro Diamapro-ESD System combines static control protection with outstanding resistance to abrasion, and chemical and moisture infiltration. And it eliminates the substantial expenditure required for epoxy, modular vinyl tile, carpet or rubber flooring.

The system is designed for concrete, terrazzo and raised access concrete flooring required to withstand heavy pedestrian traffic, humidity and moisture migration, and related environmental stresses. When applied directly to a polished concrete floor or concrete raised access panel, Diamapro-ESD enhances the natural beauty of the finished surface.

Basic applications for Diamapro Diamapro-ESD include electronics manufacturing facilities and operations relying on sophisticated electronic equipment, such as data centers, emergency call centers, dispatch operations, flight control centers, MRI suites, and clean rooms.

The Diamapro Diamapro-ESD System dissipates static electricity from personnel in less than 0.02 seconds, the criterion required by many industries.

ESD
FLOOR SYSTEM



Each floor is tested after installation for PTP, RTG, and 97.1.



QUANTIFIED ESD PROTECTION

The Diamapro-ESD System includes sealer, conductive floor finish, conductive grounding foil and cleaning agents. The sealer and finish are clear urethane, static controlling components that eliminate surface dusting, stains and moisture damage on properly prepared substrates. The system provides a highly breathable surface that enables water vapor to pass through the cured film, but prevents water droplets and liquids from penetrating the substrate, resulting in an easy to maintain environment.

Diamapro Diamapro-ESD is installed by trained and certified concrete resurfacing contractors. Once cured, the surface may be burnished to a high gloss finish if desired. Diamapro-ESD yields a polished concrete appearance that can be routinely cleaned and burnished to retain its crisp, high-end appearance.

Every installation is tested for resistance upon completion, and an independent test report is provided that quantifies the level of ESD protection.

BENEFITS OF DIAMAPRO-ESD

- Charge decay in <0.02 seconds. ANSI FTMS 4046 (101c)
- Meets ANSI ESD S20.20-2014 standards
- Ensures a continuous static controlled surface with substantial savings over epoxy, VCT tile, carpet and rubber flooring
- Self-contained system includes sealer, floor finish, grounding strips and cleaning agents for subsequent maintenance
- One-component materials require no mixing and are easy to apply to new and existing concrete, terrazzo and raised access concrete floors
- Extreme moisture vapor tolerance eliminates expensive vapor mitigation systems
- Outstanding resistance to heavy foot and vehicular traffic
- Gloss finish improves ambient light reflectivity for a bright, clean, aesthetically appealing work environment.
- Floor may be color treated prior to application to add color to the workspace

DIAMAPRO ESD SYSTEMS INSTALLATION



DIAMAPRO ESD SEAL



DIAMAPRO ESD FINISH

Diamapro® Diama-ESD System consists of ESD Seal, ESD Finish and grounding foil. The ESD System is a film-forming urethane conductive floor treatment that meets the latest ANSI ESD static control standards. Diamapro® Diama-ESD System seals the properly prepared substrate with an effective static control formulation while eliminating surface dusting produced by a friable concrete substrate.

Diamapro® Diama-ESD System produces a high gloss appearance that minimizes the potential of liquid staining, but it is breathable. Elevated moisture vapor transmission levels will not affect the static control properties of the system. The Diamapro® Diama-ESD System is burnishable by using a high-speed propane or electric burnisher with a Diamapro® Easy Finish Pad to retain the system's initial gloss and appearance.



GROUNDING FOIL

DIAMAPRO ESD SYSTEMS MAINTENANCE



DIAMAPRO ESD SHINE

Diamapro® ESD-Shine is an ESD floor spray buff solution formulated to be used with a high speed electric or propane powered bunisher. This proprietary formula is enhanced with special lubricants to reduce overheating while burnishing. Diamapro Diama-ESD Shine provides a high luster and a mirror like finish to not only Diamapro Diama-ESD System but to all types of hard ESD flooring surfaces including ESD tiles, ESD sheet vinyl, ESD floor paint and ESD epoxy/urethane systems.



DIAMAPRO ESD CLEAN

Diamapro® ESD-Clean is specifically formulated for use on all types of ESD flooring or static control coated floors. Regular cleaners and detergent compounds leave harmful insulative contaminants behind reducing the static control properties of this specialized flooring system. Diamapro® ESD-Clean does not.

Diamapro® ESD-Clean works well in both mop/bucket and auto-scrubber applications. It will remove dirt and soil while maintaining or even increasing the conductivity of a resinous ESD flooring system. It comes in a concentrated liquid with an easy to dilute ratio of 1-2 part cleaner to 16 parts of water or 8-16 oz. of cleaner to 1 gallon of water.

DIAMAPRO ESD SYSTEMS SUBSTRATE COLORANT



DIAMAPRO TLC

Diamapro® Diama-TLC is quick a turn-around, breathable system to impart a solid, uniform color prior to the application of Diamapro® UV-HS Plus, Diamapro® ESD Floor System or Diamapro® Diama-TLC although formulated for interior use, Diamapro® Diama-TLC can be a very effective coloring agent for properly prepared exterior concrete and then sealed with Diamapro® Diama-TLP.

This true lithium colorant offers exceptional durability and chemically bonds to cementitious substrates. Once sealed, it takes on the performance level of the applied sealer whether it be chemical resistance, abrasion resistance or electro static dissipating properties



Diamapro
SYSTEMS

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ESD FLOOR SYSTEM

TAKE A BYTE OUT OF YOUR STATIC CONTROL



Diamapro System® ESD Floor System

Effective, Economical Static Control Coating