

**PROTECTIVE INDUSTRIAL POLYMERS MISSION:**  
TO PROVIDE EXCEPTIONAL VALUE-ADDED PRODUCTS,  
SERVICE AND SOLUTIONS, IN JOINT INTEREST WITH OUR  
CONTRACTING CUSTOMER NETWORK, TO COMPLETELY  
SATISFY END-USER INDUSTRIAL SAFETY, PERFORMANCE  
AND REGULATORY COMPLIANCE CONCERNS.



[www.inhibistat.com](http://www.inhibistat.com)



**The Future of ESD-Control  
Polymer Flooring.**



Specified, Manufactured and Installed  
ESD-Control Polymer Floor Coating Systems

Coatings | Contracting | Consulting







# INHIBISTAT

## ESD-CONTROL FLOORING SYSTEMS



Electronics assembly and manufacturing facilities must create and adhere to strict ESD-Control programs to ensure low product scrap rates, limit failure rates and meet customer requirements. Now, more than ever, the need for a comprehensive ESD Control program is imperative in providing a solid foundation for compliance as future ESD-related specifications and guidelines become more stringent.

Your facility floor plays a vital role in the success of any robust ESD-Control program. With its comprehensive product line, technical and contracting support, Protective Industrial Polymers is dedicated to providing fully compliant, turnkey ESD flooring solutions that provide peace of mind both today and in the future.

Protective Industrial Polymers has developed a full range of ESD coatings designed to meet and exceed the current performance standards. These particulate-based systems perform more consistently than traditional ESD coatings, carpet and tile. Because the ESD component is an integral part of the chemistry of these polymers, the system will consistently perform with no hot or dead spots. This means more consistent ESD performance throughout the entire thickness of the coating, not just the surface. InhibiStat systems exceed industry standards and you can be assured the system will continue to perform, even as ESD standards and requirements become more stringent.

Each installation receives factory certification in the field and a Certificate of ESD Compliance is issued, as well as an annual ESD performance audit. Our certified ESD Plant Auditing Team will work with your QA and engineering group to audit, assess, design and install the floor as an integral part of your ESD protocol. Whether you are a contract PCB assembler or a Class 0 avionics lab, Protective Industrial Polymers has an InhibiStat system to meet your needs.

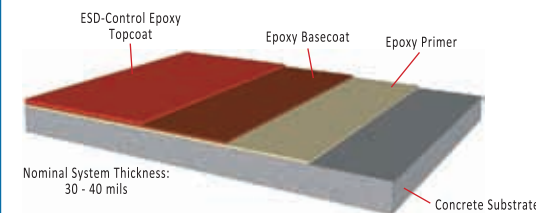
With InhibiStat ESD-Control Polymer Flooring Systems, you can be assured the most-comprehensive ESD product range, combined with expert consultation, superior installation, certification and ongoing compliance support.



### KEY FEATURES:

- **Precise performance ranges allow for complete integration into the ESD prevention system**
- **PIP issues a Certificate of ESD Compliance for custom requirements**
- **Utilizes particulate technology embedded in a wide array of polymers**
- **Available in surface resistance ranges above or below 1 million ohms**
- **Maintains ESD properties throughout the thickness of the applied coating**
- **Conductive systems available without the use of a ground plane**
- **Not dependent on humidity for proper conductivity (unlike carbon fiber systems)**
- **No solvent odor (except Protect 250 ESD SB)**
- **Durable, easy-to-maintain finish that is tough, seamless and resistant to impact and abrasion**
- **Available in a wide range of colors, textures and thicknesses**
- **Resists staining and major chemical spills of cleaning and industrial chemicals**
- **Complies with VOC regulations for Industrial Maintenance Coatings in the OTC and CA**
- **Complies with all ANSI 2020 revisions**
- **Exceeds flooring and footwear in combination with a person requirements (ESD STM 97.1)**
- **Body Voltage Generation (BVG) below 15 volts with conductive footwear (ESD STM 97.2)**
- **Dissipates a 5000 volt charge to 0 volts in less than 0.1 seconds**

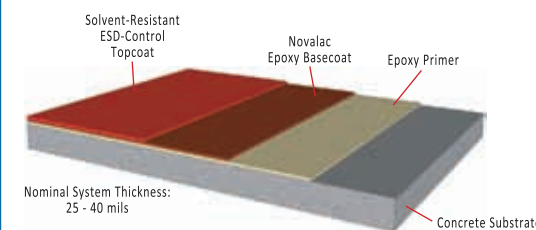
## InhibiStat ESD-Control Flooring Systems



### InhibiStat HBS

#### High-Build Epoxy ESD System

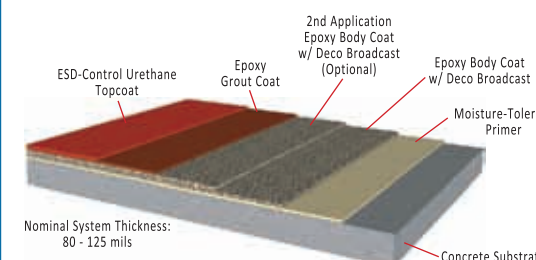
A high-performance, high-build, ESD-control system that produces a high-gloss, light-reflective surface. This system is ideal for electronics assembly operations or areas where durability, light-reflectance and aesthetics are a requirement.



### InhibiStat SRS

#### Solvent-Resistant ESD System

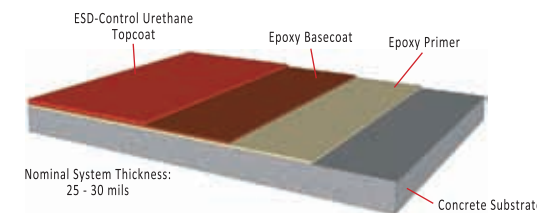
A solvent-resistant ESD-control system designed to control ESD risk in areas exposed to flammable solvents and vapors. This system is ideal for flammable product storage areas, or areas exposed to flux where heavy chemical or solvent exposure exists.



### InhibiStat DS

#### Decorative ESD System

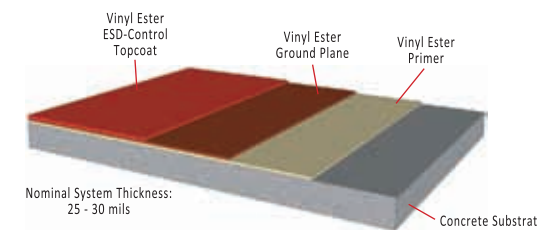
A high-performance, ESD-control decorative flooring system ideal for areas requiring comprehensive ESD-control combined with durability and aesthetics. Common areas of use include corridors, laboratories, cafeterias and restrooms.



### InhibiStat EPS

#### Extreme Performance ESD System

A high-performance, chemical, stain and abrasion-resistant ESD-control system that produces a non-yellowing satin finish. This system is available in a wide array of colors and is ideal for areas requiring durability and chemical resistance combined with ESD-control performance.



### InhibiStat CCS

#### Corrosion-Control ESD System

A highly chemical and solvent-resistant vinyl ester ESD-control system designed for areas that are heavily exposed to very harsh chemicals and volatile solvents, such as primary and secondary containment areas, packaging areas or process operations.



For detailed product information, technical data and SDS Sheets visit [www.protectpoly.com](http://www.protectpoly.com) or call 1-866-361-3331 to speak with a Protective Industrial Polymers Representative.

## Gone are the Days of Limited Color and Decorative ESD-Control Polymer Floor Coating Options!

In the past, polymer ESD-control coatings were only available in a limited variety of solid color options. This was due to the specialized ESD pigment used to make the polymer electrically active. Because this pigment was inherently dark, brighter colors were not able to be achieved. End-users were stuck with very few color and decorative options.

Protective Industrial Polymer's unique Protect 200 ESD UR urethane topcoat has revolutionized the ESD-control polymer floor coating market. Our proprietary particulate ESD technology has allowed us to design a coating that not only is available in a vast array of bright, vivid colors, but one that also can be used as a transparent topcoat for decorative quartz and flake floors. It's even possible to coat existing ESD tile floors, eliminating the need to perform continuous, expensive stripping and ESD waxing maintenance. All while providing BVG readings below 15 volts with conductive footwear.

You can now achieve the best of both worlds - the most consistent and reliable ESD-control performance, combined with a vast array of color and decorative options...plus, all the benefits of polymer flooring, including:

- **No waxing required**
- **Excellent Impact & abrasion resistance**
- **Excellent chemical resistance**
- **Superior cleanability**
- **Lower life cycle costs**



## Areas of Use



Electronics Assembly



Munitions



Pharmaceutical Process



Chemical Process/Storage



Clean Rooms/Medical Labs



Military/Aerospace



Medical Device Manufacturing