









ESD-Control Polymer Floor Coating Systems

MSC Floors is the industry go-to installer for ESD control flooring systems. Our ESD trained project managers and supervisors provide a fully compliant, turnkey ESD flooring solution.

We stock a full range of ESD particulate-based coating systems that rely on chemistry to integrate an ESD component into the polymer. This allows the system to consistently perform with no hot or dead spots, resulting in better ESD performance throughout the entire thickness of the system, not just the surface.

All ESD installations receive factory certification on-site, a certificate of ESD compliance, and annual ESD performance audits. Your QA and engineering group can work directly with our certified ESD Plant Auditing Team to audit, assess, design, and install your flooring system.

From start to finish to ongoing compliance support, MSC Floors delivers an ESD-Control Polymer Flooring System designed specifically for you.

Industry Leading Capabilities

- > Precise performance ranges for ESD prevention
- PIP issues a Certificate of ESD Compliance for custom requirements
- Utilizes particulate embedded technology
- Available surface resistance of < or > 1 million ohms
- > ESD properties maintained throughout the installed floor
- > Conductive systems available without a ground plane
- > Not Dependent on humidity for adequate conductivity
- > No solvent odor (except Protect 250 ESD SB)
- > Durable, seamless, and resistant to impact and abrasion
- > Resists staining from industrial and cleaning chemicals
- Complies with VOC regulation for Industrial Maintenance Coating in the OTC and CA
- > Complies with all ANSI 2020 revisions
- Body Voltage Generation (BVG) below 15 volts with conductive footwear (ESD STM 97.2)
- > Dissipates 5000 volts to 0 volts in less than 0.1 seconds



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Industry Based Applications



















ESD-CONTROL FLOORING SYSTEMS

ESD High-Build Trowel System

A high-performance, high-build, ESD-control system that produces a high-gloss, light-reflective surface.

Ideal for: Electronics assembly operations or areas where durability, light-reflectance and aesthetics are a requirement.

ESD Solvent-Resistant System

A solvent-resistant ESD-control system designed to control ESD risk in areas exposed to flammable solvents and vapors.

Ideal for: Flammable product storage, or areas exposed to flux where heavy chemical or solvent exposure exists.

ESD Decorative System

A high-performance, ESD-control decorative system.

Ideal for: Areas requiring comprehensive ESD-control combined with durability and aesthetics.

ESD Extreme Performance 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.

Ideal for: Areas requiring durability and chemical resistance combined with ESD-control performance.

ESD Corrosion-Control 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.

Ideal for: Primary and secondary containment areas, packaging areas or processing operations.