



Data Centers

Seamless Static Control Flooring Systems





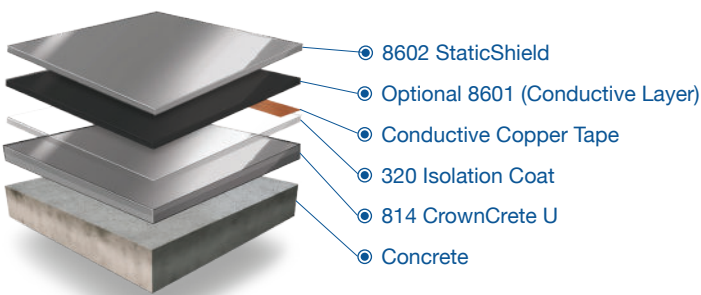
Electrostatic Dissipative Mortar Systems

250 MIL

ESD HEAVY MORTAR SYSTEM

Maximum Durability. Maximum Protection.

A heavy-duty, 1/4" seamless ESD flooring system engineered for demanding data center environments where heavy equipment, rolling loads, and operational uptime are critical.



System Profile

- Installed thickness: **250 mil / 1/4"**
- Static Dissipative Range: **$2.5 \times 10^6 - 1 \times 10^9$ ohms**
- Optional Conductive Range: **$2.5 \times 10^4 - 1 \times 10^6$ ohms**
- Meets **ANSI/ESD S20.20** and **STM7.1**
- Seamless mortar system
- Optional membrane for crack suppression and moisture protection

Key Advantages

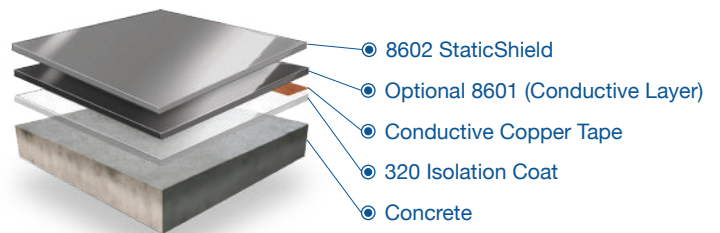
- Handles heavy server racks, equipment traffic, and rolling loads
- High-build protection for long-term service life
- Seamless surface helps reduce dust, contamination, and floor joint failure points
- Slip-resistant working surface
- VOC compliant / low-emission

34 MIL

ESD MODERATE SYSTEM

Efficient Static Control. Clean Installation.

A lower-profile seamless ESD flooring system designed for controlled technology spaces that require reliable static control with a faster, more efficient installation profile.



System Profile

- Installed thickness: **34 mil**
- Static Dissipative Range: **$2.5 \times 10^6 - 1 \times 10^9$ ohms**
- Optional Conductive Range: **$2.5 \times 10^4 - 1 \times 10^6$ ohms**
- Meets **ANSI/ESD S20.20** and **STM7.1**
- Smooth seamless finish
- Optional moisture mitigation and crack suppression

Key Advantages

- Ideal for retrofits, upgrades, and lower-profile floor tolerances
- Fast installation helps reduce downtime
- Smooth, easy-to-clean surface for clean environments
- Cost-effective ESD protection
- VOC compliant / environmentally responsible



Crown Polymers StaticShield ESD Epoxy Systems are high-performance resinous flooring systems engineered to meet ANSI/ESD S20.20 and ANSI/ESD STM7.1 standards. These systems provide electrically active static dissipative or conductive performance within specified resistance range requirements through the use of an isolation epoxy primer and/or specialized conductive epoxy primer system.

For mission-critical environments such as data centers, electronics manufacturing, laboratories, and technology facilities, it is essential to utilize a proven flooring system that delivers long-term reliability, consistent electrical performance, and lasting aesthetics.



Protection

- Protects sensitive electronic equipment and components
- Provides electrostatic dissipation throughout the flooring system
- Helps prevent sudden static buildup and electrostatic discharge (ESD)
- Excellent chemical, abrasion and impact resistance
- Moisture mitigation solutions available through the use of our 8303 Moisture Vapor

Sustainability

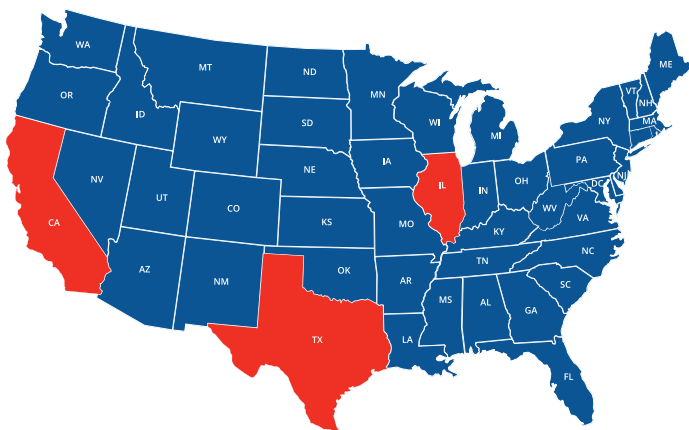
- No special waxes or topical treatments required to maintain static control properties
- Seamless, monolithic surface allows for simplified cleaning and maintenance
- Designed for long-term durability and consistent performance in demanding environments

Maintenance

- Low VOC and low-emission formulations
- May contribute toward LEED certification credits

Best Fit Applications

Hyperscale data centers, UPS rooms, electrical rooms, battery storage areas, and high-traffic equipment zones.



Crown provides an extensive manufacturing and distribution network across the U.S. and worldwide



LOCATIONS

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